INITIAL SITE CHARACTERIZATION REPORT
UST CLOSURE - NAVAJO GENERATING STATION
PAGE, ARIZONA

Prepared by
Salt River Project
Environmental Management Services Department
November 1991

1.0 Location

The Navajo Generating Station (NGS) is a coal fired steam electric generating station located approximately 4-miles southeast of Page, Arizona (Figure 1). The plant site is located on 1,021 acres of land leased from the Navajo Tribe. Aside from the town of Page, Arizona, the region surrounding the plant site is sparsely populated.

2.0 Adjacent Wells

There are no known production wells within a 1 mile radius of the plant site.

3.0 Site Hydrogeology

Three geologic units are exposed in the vicinity of the plant site; dune sands, the Carmel Formation, and the Navajo Sandstone.

3.1 Dune Sands

Localized areas in the plant site contain a thin surface veneer of loose windblown sand deposited on the erosional surface of the Carmel Formation. These deposits consist of unconsolidated red-brown to buff, silty fine to medium quartz sand derived from the Carmel Formation and the Navajo Sandstone. The dune sand deposits range in thickness from 0 to over 20 feet.

3.2 Carmel Formation

The Carmel Formation is present as an erosional remnant resting disconformably on the Navajo Sandstone. The Carmel Formation is exposed in the northern half of the plant site; subsurface boring data indicate it ranges in thickness from 0 to approximately 70 feet in the site.

The Carmel Formation is composed of reddish brown interbedded sandstone, siltstone and claystone. These strata are flat (horizontally bedded) with maximum localized dips of several degrees in varying directions. Major structural features are absent from the Carmel Formation in the plant site.

Sandstone beds in the Carmel Formation range in individual thickness from 6 inches to 20 feet with a predominant average thickness of 3 feet. The sandstone beds are strongly cemented with calcium carbonate, silica, and iron minerals. Layers of massive to thinly laminated siltstone and claystone are interbedded between the

lenticular sandstone beds. These layers generally range in individual thickness from less than one inch to more than 3 feet with an average thickness of one foot.

The Carmel Formation is interpreted as having been deposited in a deltaic environment in Middle Jurassic time. The textural heterogeneity is attributed to deposition in a transitional environment varying between shallow marine and near-shore fluvial conditions.

The Carmel Formation is fine grained texture and well indurated. In place permeability tests conducted in the Carmel Formation indicate coefficients of permeability ranging from negligible to 90 feet per year. Vertical permeability of the Carmel Formation is extremely low, averaging less than one foot per year.

3.3 Navajo Sandstone

The Navajo Sandstone can be observed along the Mesa boundaries at the plant site and in outcrop along Glen Canyon. The Navajo Sandstone is disconformably overlain by the Carmel Formation in the northern part of the plant site with the contact dipping to the north. Deep drilling data at the plant site indicate the total thickness of the Navajo sandstone at the site is in excess of 1,500 feet.

The Navajo Sandstone is composed of uniform fine to medium, white to light brown, friable to moderately well cemented quartz sand. The sandstone is indurated by silica cement and also has minor amounts of iron, calcium carbonate and clay minerals present.

The Navajo Sandstone is highly cross-bedded but weathers to a generally massive appearance in erosional exposures. Depositional features such as the extensive cross-bedding and uniformity of grain size and mineral type indicates an aeolian environment of deposition. Deposition is known to have occurred in the Late Triassic and Early Jurassic.

The Navajo Sandstone comprises the regional aquifer in the plant area, however, due to the extreme depth to groundwater, sparse population, and availability of surface water supplies, the Navajo Sandstone is generally not used as a water supply in the region surrounding NGS. The available data indicate a depth to groundwater in plant site of approximately 900 to 980 feet beneath land surface. The groundwater flow at the plant is to the northwest at a gradient of approximately 40 feet per mile. The following aquifer parameters were developed by the U.S. Bureau of Reclamation based on studies of the Navajo Sandstone in the Lake Powell area: average porosity of 25%, average specific retention of 12%, typical primary permeability of 200 feet per year, and typical secondary permeability of 2,000 feet per year.

4.0 Field Procedures

4.1 General Procedures

Prior to the tank removal, remaining product was removed from the tank and the tank uncovered. The tank was then exposed by excavation and, if required, rendered inert by venting. The tank was pulled from the excavation, visually inspected, rinsed (rinsate was run through a plant oil/water separator), and stored on site. Figure 2 is a generalized facility map indicating the locations of the 13 USTs that were removed. None of the tanks removed showed evidence of a tank failure (e.g. corrosion holes) when observed upon removal. Two of the tanks removed, NGS-7 and NGS-9, were modified and donated to the Page Fire Department for non liquid storage purposes (use in simulated confined space training). The other tanks currently remain on site prior to being rendered inoperable and sold for scrap.

All existing backfill material and some native material surrounding the tank was removed and segregated based on observation. Soils that were observed to be contaminated were separated and remain stored on plastic on site. Non-contaminated soils were used as general fill on site. The tank excavations have been backfilled with coarse aggregate or sand, compacted and capped with 5 feet of compacted aggregate base course (ABC).

4.2 Soil Sampling Procedures

During the tank removal program, soil samples were collected from approximately 2 to 3 feet below each end of the tank. Additional samples may have been collected of potentially contaminated soils based on physical observation of the soils during the excavation process. Grab samples were collected using the excavation equipment and transferred to glass jars, sealed, labeled with the sample identification and preserved by storing in an ice chest with ice. Soil samples were transferred, under chain of custody, to the SRP Environmental Laboratory for analysis.

4.3 Laboratory Analyses

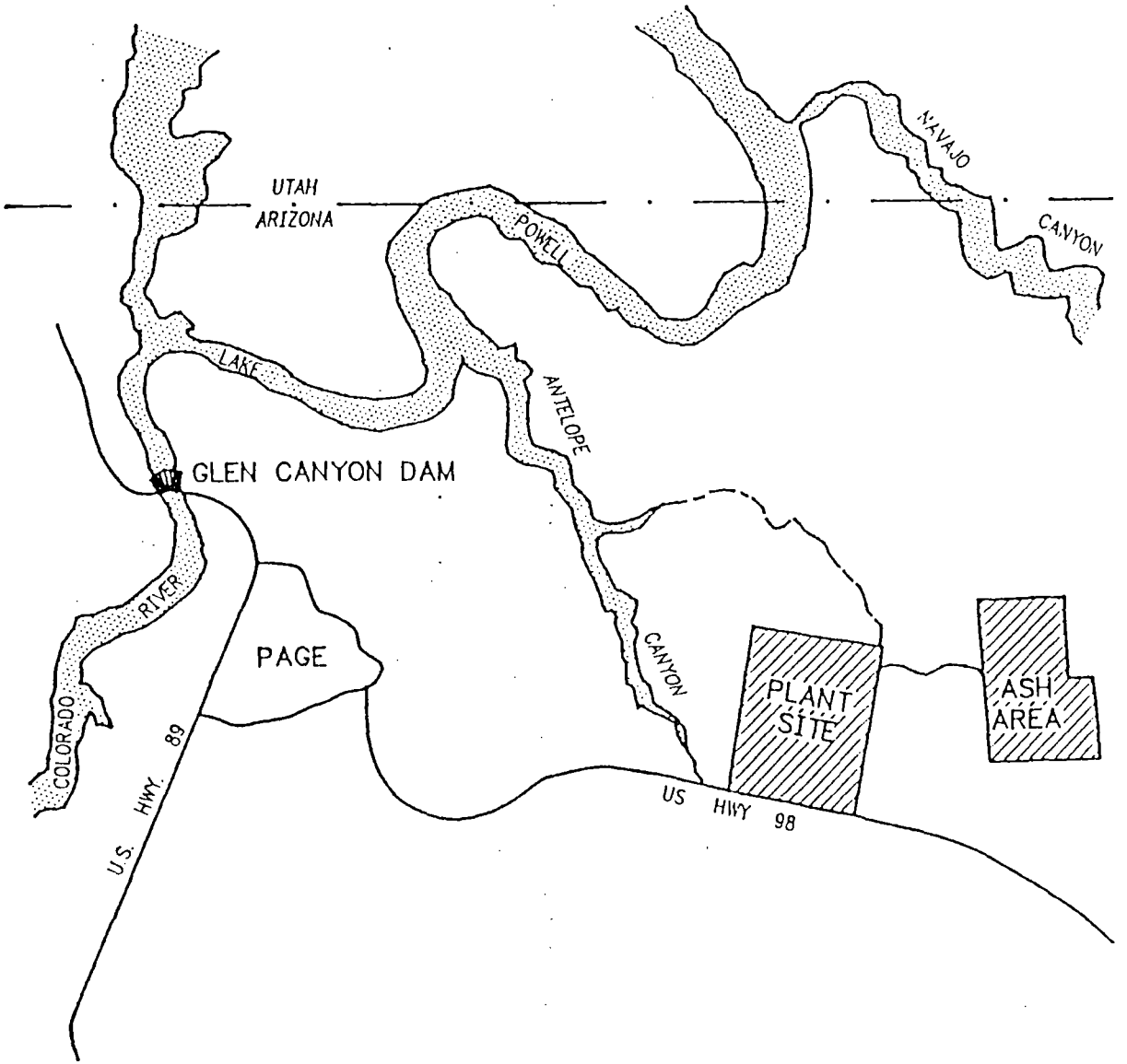
All soil samples collected were submitted for total petroleum hydrocarbon analysis by EPA Method 418.1. Additionally, samples collected from beneath diesel fuel tanks were submitted for fuel fingerprint analysis by EPA Method 8015M and samples collected from beneath waste oil tanks were submitted for volatile organic contaminant analysis by EPA Method 8010/8020. Table 1 is a summary of the soil sample results from the tank removal program.

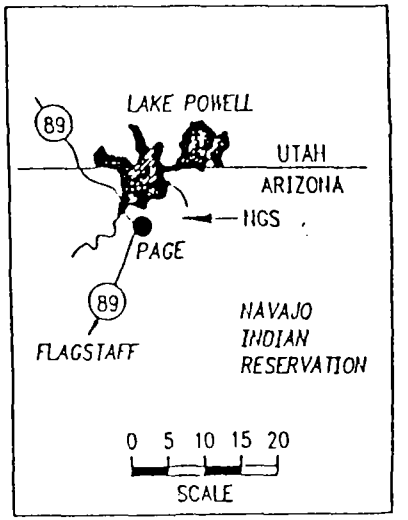
5.0 Tank Reports

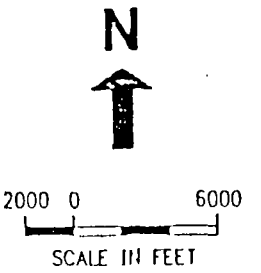
The remainder of the report contains the following information, segregated by tank: the tank release report, a figure depicting the general locations where soil samples were collected, the laboratory certificates of analysis and sample chain of custody, and a tank notification form submitted in compliance with Title 40 of the Code of Regulation, CFR §280.34.(a).(4) notifying EPA of the permanent closure of the tank.

Figures and Tables

FIGURE 1
NAVAJO GENERATING STATION
VICINITY MAP







MYINGSVM

FIGURE 2
FACILITY UNDERGROUND STORAGE TANK LOCATIONS

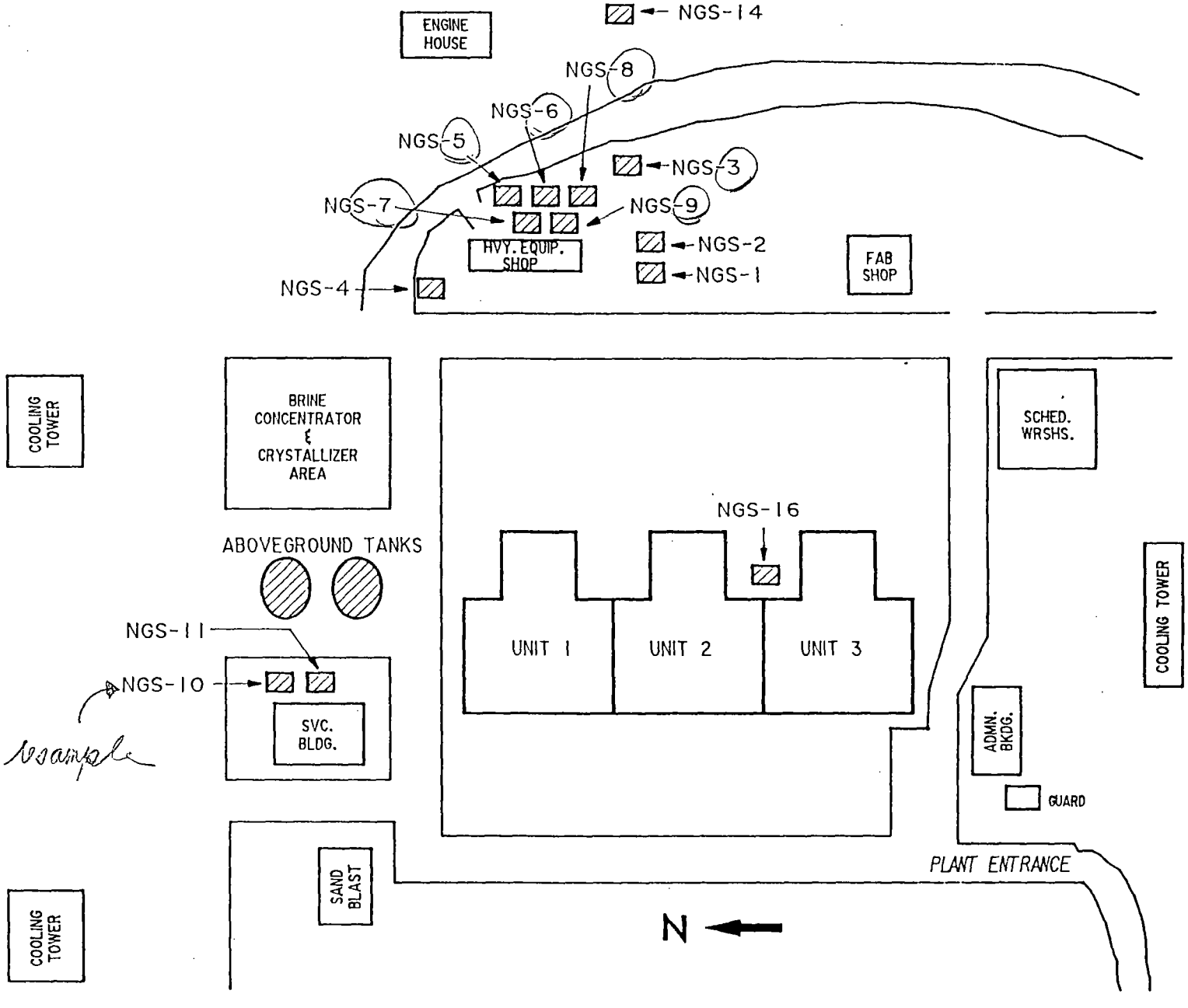


TABLE 1: DATA SUMMARY TABLE

TANK ID	TANK VOLUME	TANK CONTENTS	DATE REMOVED	SAMPLE IDENTIFIER *	SAMPLE RESULTS **		
					TPHC	FF ***	VOC ****
NGS-1	12,000	GAS	10/02/91	N-15	17	ND	NS
				S-15	150	180 K	NS
NGS-2	12,000	DIESEL	10/02/91	N-15	210	300 K	NS
				S-15	ND	ND	NS
NGS-3	12,000	DIESEL	09/25/91	E-13	640	870 D	NS
				E (8)	990	1400 D	NS
				W (8)	17000	17500 D	NS
				C (8)	5900	3200 D	NS
				SW-ENDWALL (10)	350	ND	NS
				SW-SIDEWALL (10)	ND	ND	NS
				NW-ENDWALL (10)	ND	ND	NS
				NW-SIDEWALL (10)	ND	ND	NS
NGS-4	5,000	DIESEL	09/05/91	1 (14)	ND	ND	NS
				2 (14)	ND	ND	NS
				Special (14)	ND	ND	NS
NGS-5	6,000	WASTE OIL	09/23/91	S-13	68000	90000 LO	1300 TOL; 100 PCE; 84 M/P-XYL
				S-16	68000	64000 LO	1800 TOL; 64 O-XYL
				NC-13	76	ND	ND
NGS-6	5,000	10W OIL	09/23/91	N-12	82	NS	NS
				S-12	1100	NS	NS
NGS-7	5,000	30W OIL	09/23/91	N-12	31000	NS	NS
				S-12	20000	NS	NS
NGS-8	2,000	30W OIL	09/23/91	E-10	20000	NS	NS
				W-11	23000	NS	NS
NGS-9	2,000	ANTIFREEZE	09/23/91	E-10	47000	NS	NS
				W-10	25000	NS	NS
NGS-10	8,500	GAS	10/10/91	E-13	NT	NS	NS
				W-13	NT	NS	NS
NGS-11	2,000	WASTE OIL	10/11/91	E (13)	ND	NS	ND
				W (13)	ND	NS	ND
NGS-14	20,000	DIESEL	09/24/91	N (16)	ND	NT	NS
				N-25	56	ND	NS
				S (17)	1300	NT	NS
				S-25	64	ND	NS
				C (16)	ND	ND	NS
				N (16)	ND	ND	NS
NGS-16	2,000	DIESEL	09/12/91	EDG-C (SW-10)	540	530 D	NS
				EDG-B (NE-10)	380	340 D	NS
				EDG-A (C-8)	7900	7100 D	NS

* Sample Location and Depth in Feet Below Grade (N = North; S = South; E = East; W = West)

** All results in mg/kg; ND = Not Detected; NT = Not Tested; NS = Not Sampled

*** K = Kerosene; D = Diesel Fuel; LO = Lubricating Oil

**** TOL = Toluene; O-XYL = Ortho-Xylene; M/P-XYL = Meta/Para-Xylenes; PCE = Tetrachloroethene

NGS – 1

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-1

Contents and Capacity: 12,000 gallon unleaded gasoline

Nature of Release: None.

Regulated Substance Released: Not Applicable.

Quantity of Release: Not Applicable.

Period of Time Over Which Release Occurred: Not Applicable.

Action Taken (as of Report Date):

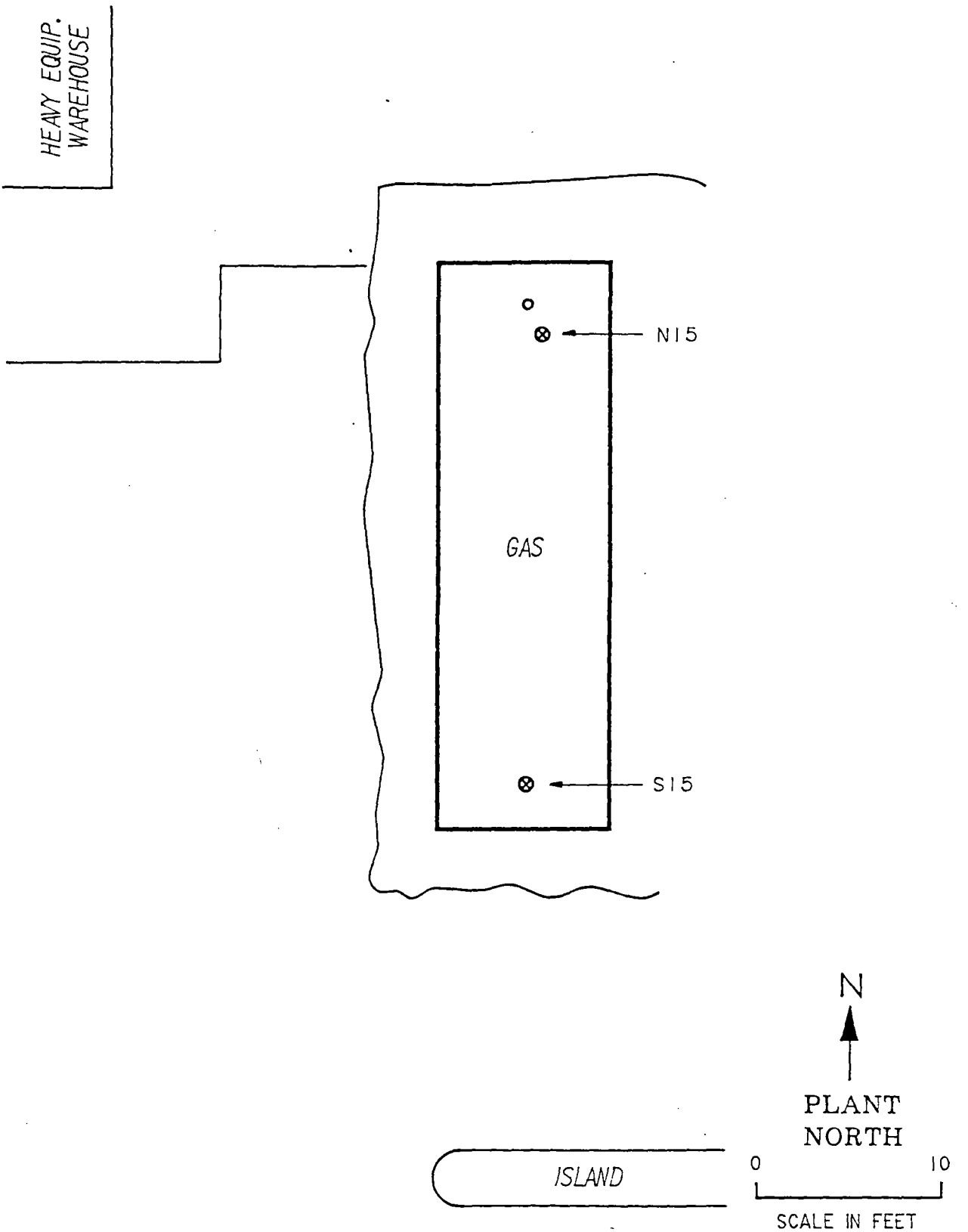
The tank and surrounding soils were excavated and removed on October 2, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 15 feet below grade from on top of a sandstone (Carmel Formation). The soil samples were submitted for Total Petroleum Hydrocarbon Analysis (TPHC) by EPA Method 418.1 and for Fuel Fingerprint analyses by EPA Method 8015M. The results of the TPHC analyses came back positive, 17 mg/kg from beneath the north end of the tank and 150 mg/kg from beneath the south end. The results of the fuel fingerprint analyses from the south end of the tank came back positive, 180 ppm kerosene; the results from beneath the north end of the tank were below method detection limits (100 ppm).

The tank was tested tight on November 5, 1987. The line was tested tight on November 7, 1990. No visible signs of tank failure were observed upon tank removal. Based on these factors, it is concluded that the observed soil contamination resulted from minor spillage or overfilling during the operational life of the tank.

Action Anticipated:

None. The tank and potentially contaminated soils surrounding the tank have been removed. As a result of this removal, no further action is necessary.

FIGURE 3
NGS-1



Received: 10/02/91 10/10/91 10:58:29

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

CERTIFIED BY: E. H.

ATTEN:

ATTEN:
PHONE:

CONTACT: MCKINNEY

CLIENT: SPECIALS SAMPLES: 4
COMPANY: SRP
FACILITY:

WORK ID: NGS UST REMOVALS
TAKEN: MICHAEL VODA
TRANS: N90-4B731-02
TYPE: 71000
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION		TEST CODES and NAMES used on this workorder	
01	NGS-1 N15	FUELFP	FUEL FINGERPRINT
02	NGS-1 S15	TPHC	TOT PETROLEUM HYDORCARBONS
03	NGS-2 N15		
04	NGS-2 S15		

Received: 10/02/91 Results by Sample

SAMPLE ID NGS-1 N15 SAMPLE # 01 FRACTIONS: A
Date & Time Collected 10/02/91 10:00:00 Category

TPHC	17	
	MG/KG	

SAMPLE ID NGS-1 N15 FRACTION 01A TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 10/02/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-1 N15
DATE RUN	10/03/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David McKinney

SAMPLE ID WGS-1 S15 SAMPLE # 02 FRACTIONS: A
Date & Time Collected 10/02/91 10:00:00 Category

TPHC	150	MG/KG

SAMPLE ID NGS-1 S15 FRACTION 02A TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 10/02/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-1 S15
DATE RUN	10/03/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	180	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David McKinney

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page ____ of ____

Project: NGS - UST Removals

Charge No: 71000 N30-4873-02

Project Manager/Contact: Michael Voda

Phone: 3142

Cost Center: 88380

Sampler(s) Signature

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM____ CFS____)	NO3 / N	TEMP °C	EC	pH	ANALYSIS: TPHC **	FUEL FINGERPRINT
NGS-1 N15	20Oct91	1000	SAND	91-10-008 01	1						✓	✓
NGS-1 S15	"	"	"	02	1						✓	✓
NGS-2 N15	"	"	"	03	1						✓	✓
NGS-2 S15	"	"	"	04	1						✓	✓

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
	20Oct91	5:30PM		10/21/91	1530
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks:
** EMERGENCY TPHC

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses. Comments

_____

_____

_____

_____

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) In the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) If the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip code: 86040

County: Coconino Municipality:

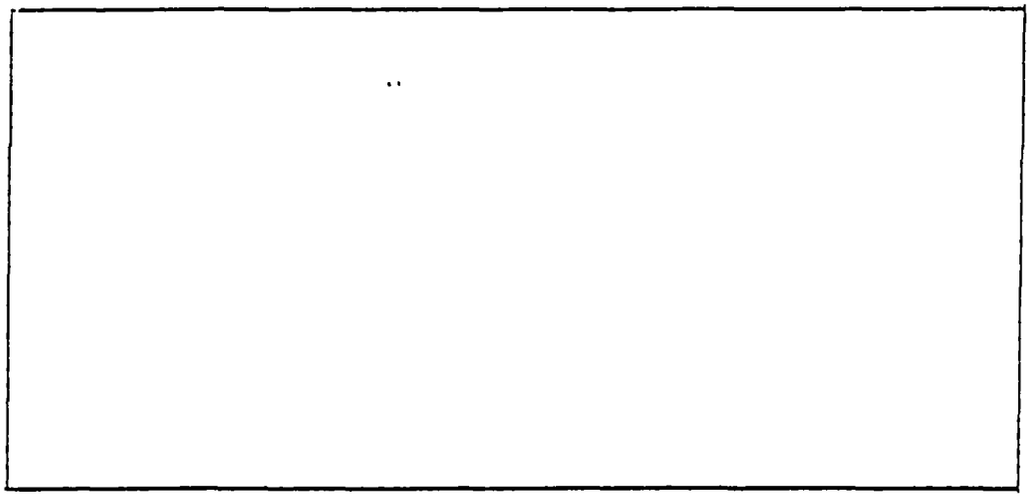
Give the geographic location of tanks if required by State by degrees, minutes, and seconds. Examples: Lat: 42 36 12 N Long: 85 24 17W 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



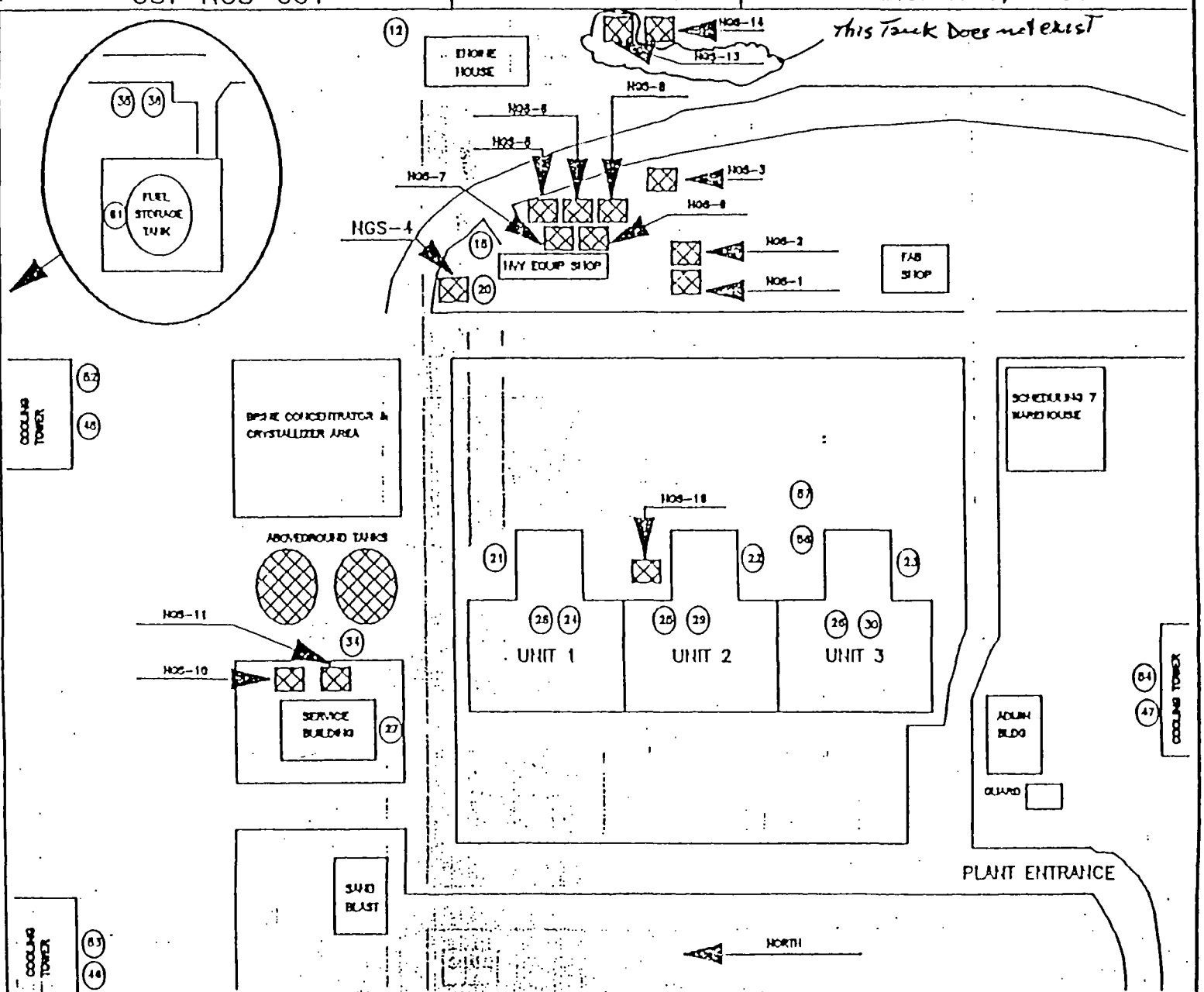
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL. LEAD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS-3: HWY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS-5: HWY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS-6: HWY EQUIP SHOP 8,000 GAL. 10W OIL
NGS-7: HWY EQUIP SHOP 8,000 GAL. 30W OIL
NGS-8: HWY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HWY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL. WASTE OIL
NGS-12: ETHANE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 20,000 GAL. DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDOX SUMP
NGS-29: REDOX SUMP
NGS-30: REDOX SUMP
NGS-33: #1 BC SUMP
NGS-34: BROINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-36: FUEL UNLDG SUB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-58: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__x__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1978
3. Estimated Total Capacity (gallons)	12,000	12,000	12,000	5,000	6,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank					
Pressure	x	x	x	x	
Gravity Fed					x
Has piping been repaired?					

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	X				
Diesel		X	X	X	
Gasohol					
Kerosene					
Heating Oil					
Used Oil					X
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank A. Estimated date last used (mo./day/year)	10/1/91	10/1/91	9/24/91	9/2/90	9/22/91
B. Estimate date tank closed (mo./day/year)	10/2/91	10/2/91	9/25/91	9/4/91	9/23/91
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
2. Site Assessment Completed	X	X	In Progress	X	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors	X		X		X		X			
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — Guy Leary (Signature) — 11/22/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — Salt River Project (Company)

* For upgrade only

NGS – 2

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-2

Contents and Capacity: 12,000 gallon diesel fuel

Nature of Release: None.

Regulated Substance Released: Not Applicable.

Quantity of Release: Not Applicable.

Period of Time Over Which Release Occurred: Not Applicable.

Action Taken (as of Report Date):

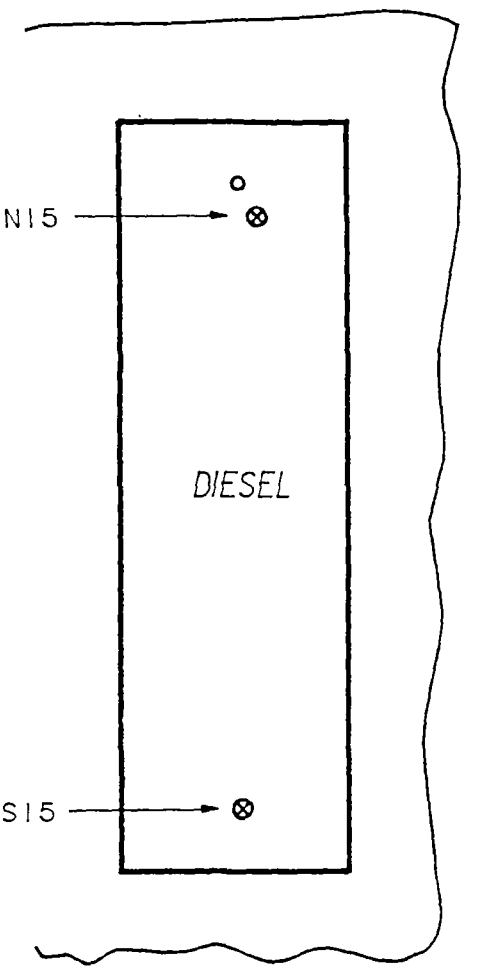
The tank and surrounding soils were excavated and removed on October 2, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 15 feet below grade from on top of a sandstone (Carmel Formation). The soil samples were submitted for TPHC by EPA Method 418.1 and Fuel Fingerprint analyses by EPA Method 8015M. The results of the TPHC analyses came back positive, 210 mg/kg from beneath the north end of the tank and below method detection levels (15 mg/kg) from beneath the south end. The results of the fuel fingerprint analyses indicated the presence 300 ppm kerosene beneath the north end of the tank; the results from beneath the south end of the tank were below method detection limits (100 ppm).

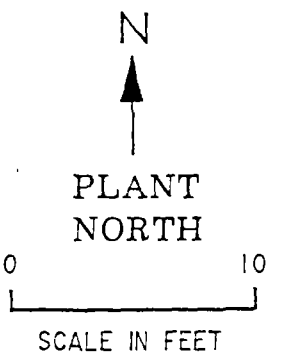
The tank was tested tight on November 3, 1987. The line was tested tight on November 7, 1990. No visible signs of tank failure were observed upon tank removal. Based on these factors, it is concluded that the observed soil contamination resulted from minor spillage or overfilling during the operational life of the tank.

Action Anticipated:

None. The tank and potentially contaminated soils surrounding the tank have been removed. As a result of this removal, no further action is necessary.

FIGURE 4
NGS-2





11/23/91
NGST2.DGN

Received: 10/02/91 10/10/91 10:58:29

REPORT SALT RIVER PROJECT
TO HILDA MARCHETTI
SRP

PREPARED BY

CERTIFIED BY

ATTEN

ATTEN
PHONE

CONTACT MCKINNEY

CLIENT SPECIALS SAMPLES 4
COMPANY SRP
FACILITY

WORK ID NGS UST REMOVALS
TAKEN MICHAEL VODA
TRANS N90-48731-02
TYPE 71000
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION		TEST CODES and NAMES used on this workorder	
01	NGS-1 N15	FUELFP	FUEL FINGERPRINT
02	NGS-1 S15	TPHC	TOT PETROLEUM HYDORCARBONS
03	NGS-2 N15		
04	NGS-2 S15		

SAMPLE ID N65-2 M15 SAMPLE # 03 FRACTIONS: A
Date & Time Collected 10/02/91 10:00:00 Category

TPHC	210	MG/KG

SAMPLE ID NGS-2 N15 FRACTION Q3A TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 10/02/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-2 N15
DATE RUN	10/03/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	300	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David McKinney

SAMPLE ID MGS-2 S15 SAMPLE # 04 FRACTIONS: A
Date & Time Collected 10/02/91 10:00:00 Category

TPHC	-15
	MG/KG

SAMPLE ID NGS-2 S15 FRACTION 04A TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 10/02/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-2 S15
DATE RUN	10/03/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS - UST REMOVALS

Charge No: 71000 N90-48731-02

Project Manager/Contact: MICHAEL VODA

Phone: 3142

Cost Center: 88380

Sampler(s) Signature: [signature]

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM ____ CFS ____)	NO3/N	TEMP °C	EC	pH	ANALYSIS: TPHC **	FUEL FINGERPRINT
NGS-1 N15	2 Oct	1000	SAND	91-10-008 01	1						✓	✓
NGS-1 S15	↓		↓	02	1						✓	✓
NGS-2 N15	↓	↓	↓	03	1						✓	✓
NGS-2 S15	↓	↓	↓	04	1						✓	✓

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	2 Oct 91	5:30PM	[signature]	10/2/91	1530

Remarks: ** EMERGENCY TPHC

OMB NO 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

ID NUMBER

DATE RECEIVED

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses. Comments

_____ No. of tanks at facility _____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip code: 86040

County: Coconino Municipality

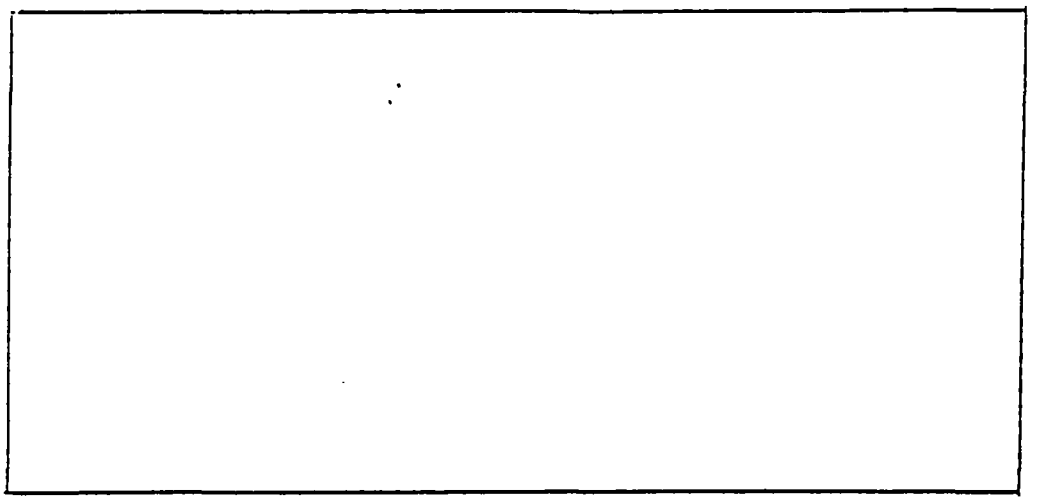
Give the geographic location of tanks if required by State by degrees, minutes, and seconds. Examples: Lat: 42 36 12 N Long 85 24 17W 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



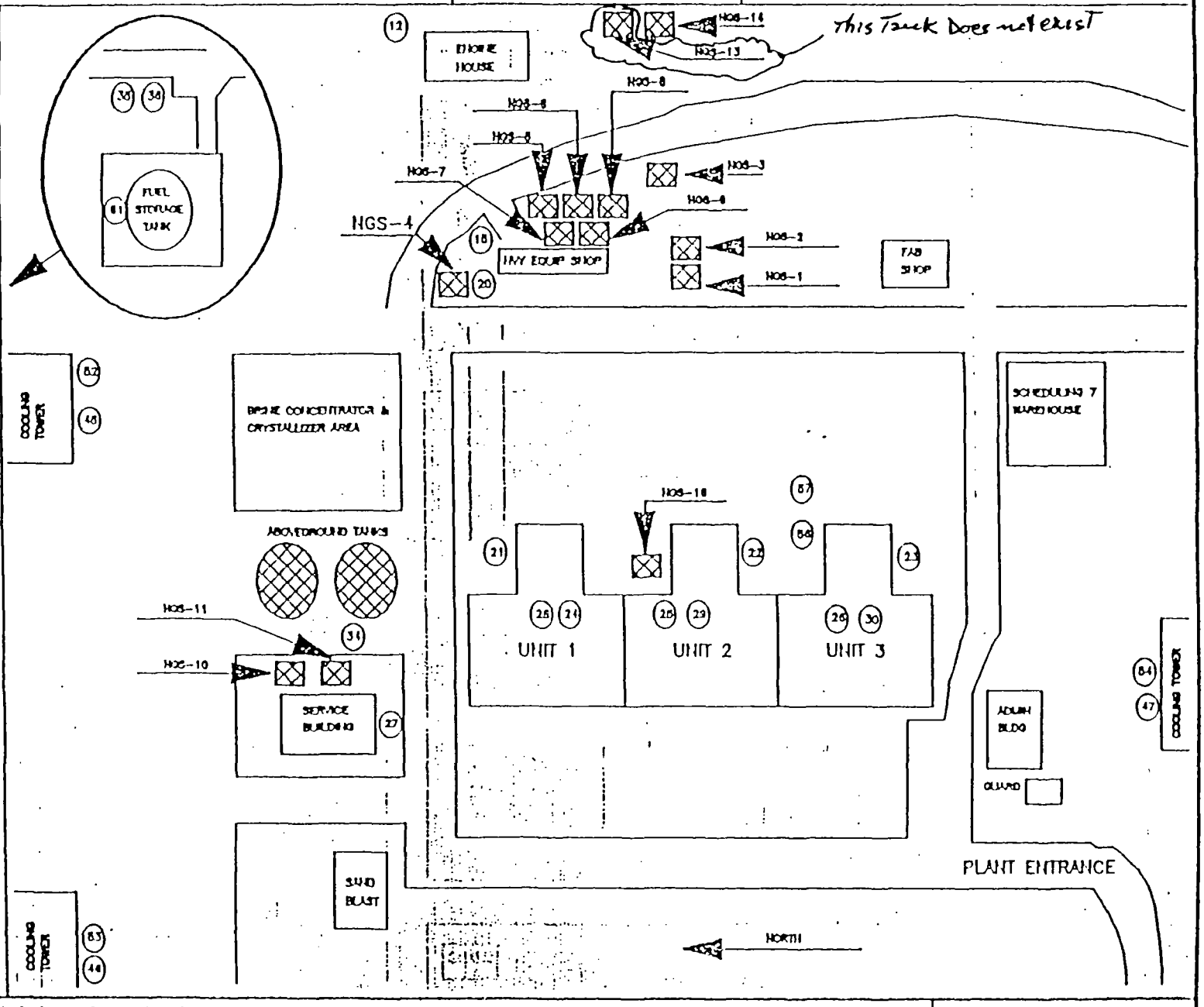
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLND 12,000 GAL, UNLD GAS
NGS-2: AUTO FUEL ISLND 12,000 GAL, DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL, DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL, ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 280,000 GAL, DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL, DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BROINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-38: FUEL UNLDG SLAB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-48: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-83: CT ACID TK SUMP
NGS-84: CT ACID TK SUMP
NGS-86: ACID TRENCH SUMP
NGS-87: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA

PAGE NO. 20

III. TYPE OF OWNER	IV. INDIAN LANDS
☐ Federal Gov't. ☐ Commercial ☐ State Government ☐ Private ☒ Local Government	Tanks are located on land within an Indian Reservation or on other trust lands. ☒ Tribe or Nation: Navajo Tanks are owned by native American nation, tribe, or individual ☐

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__X__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX)					
Permanently Out of Use (Remember to fill out section IX)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1978
3. Estimated Total Capacity (gallons)	12,000	12,000	12,000	5,000	6,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank					
Pressure	x	x	x	x	
Gravity Fed					x
Has piping been repaired?					

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	X				
Diesel		X	X	X	
Gasohol					
Kerosene					
Heating Oil					
Used Oil					X
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank					
A. Estimated date last used (mo./day/year)	10/1/91	10/1/91	9/24/91	9/2/90	9/22/91
B. Estimate date tank closed (mo./day/year)	10/2/91	10/2/91	9/25/91	9/4/91	9/23/91
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	X	X	In Progress	X	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors	X		X		X		X			
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — Guy Leary (Signature) — 11/22/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — Dalt Rami Projects (Company)

* For Upgrade only

NGS – 3

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-3

Contents and Capacity: 12,000 gallon diesel fuel

Nature of Release: Spillage and overfills.

Regulated Substance Released: Diesel Fuel.

Quantity of Release: Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 25, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the center and the east and west ends of the tank at an approximate depth of 8 feet below grade. An additional sample was collected from beneath the east end of the tank at approximately 13 feet below grade from on top of a sandstone (Carmel Formation). Soil staining was observed on the north end of the tank excavation so additional soil samples were collected from the northwest and southwest excavation sidewalls and endwalls at an approximate depth of 10 feet below grade. The soil samples were submitted for TPHC by EPA Method 418.1 and for Fuel Fingerprint analyses by EPA Method 8015M.

Contamination ranging from 350 to 17,000 mg/kg TPHC was detected in soil samples collected from immediately beneath the tank. Fuel fingerprint analyses confirm the level of contamination and identify the source as a diesel fuel. A soil sample collected from 13 feet below grade, approximately 5 feet below the tank, contained only 640 mg/kg TPHC. No contamination was detected in the samples collected from the excavation side and end walls.

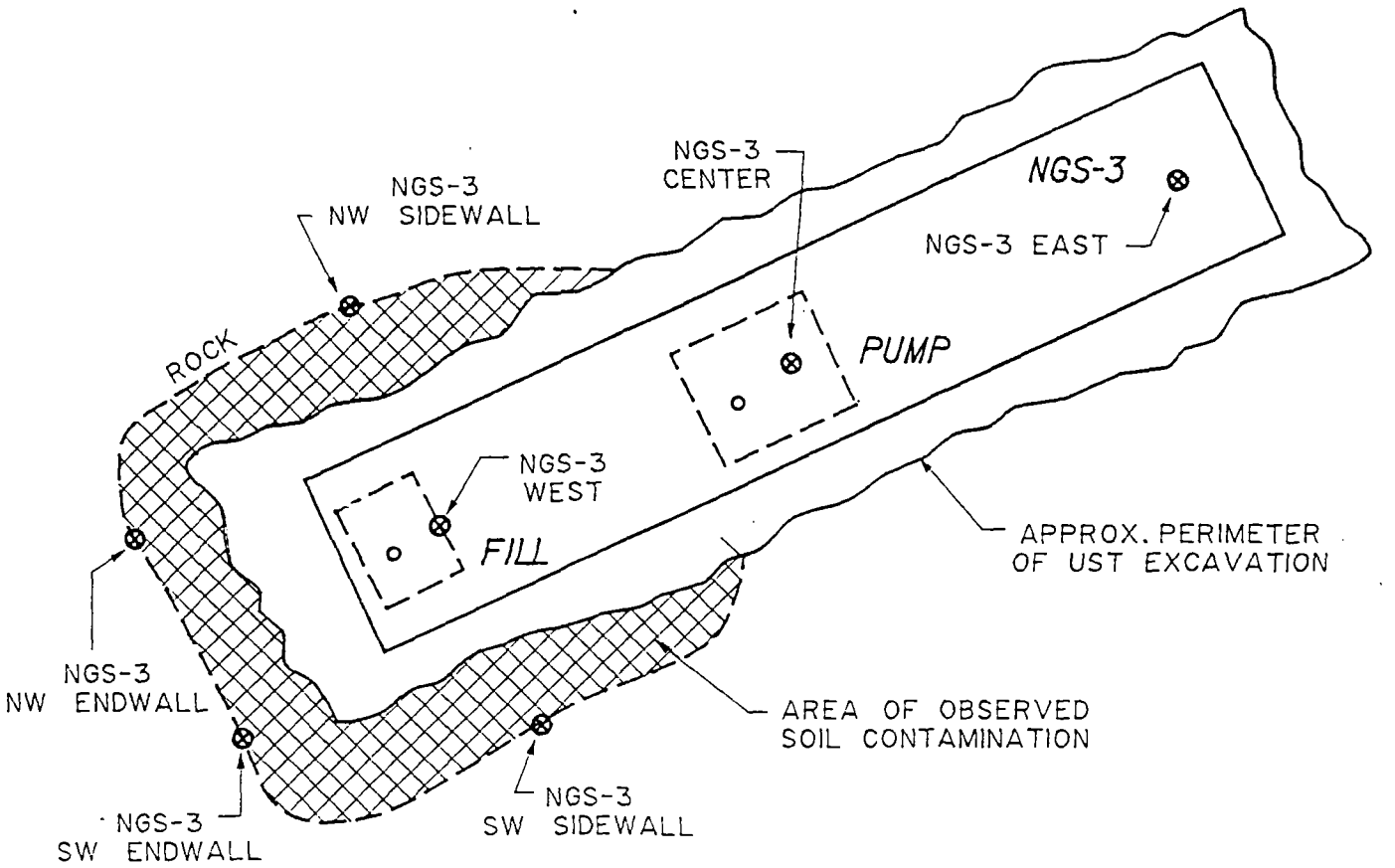
The tank was tested tight on November 3, 1987. The line was tested tight on November 7, 1990. No visible signs of tank failure were observed upon tank removal. Based on these results, it is concluded that the observed contamination resulted from spillage or overfilling during the operational life of the tank. The decrease in contamination levels detected with depth indicate that the contamination is

restricted vertically although the full extent of contamination has not been defined. The samples collected from the excavation walls indicate that the extent of contamination has been defined laterally.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the east and west ends of the former tank location. Soil samples would be submitted for analysis by EPA Methods 418.1 and 8015M.

FIGURE 5
NGS-3



PLANT
NORTH
N

NGS-3 DIMENSION
8' X 32'

0 10

SCALE IN FEET

11/25/91
NGST3.DGN

Received: 09/27/91 10/08/91 08:48:03

REPORT SALT RIVER PROJECT
TO HILDA MARCHETTI
SRP

PREPARED BY

CERTIFIED BY

ATTEN

ATTEN
PHONE

CONTACT MURPHY

CLIENT SPECIALS SAMPLES 3
COMPANY SRP
FACILITY

WORK ID NGS UST REMOVALS
TAKEN MICHAEL VODA
TRANS N90-48731-02
TYPE 71300
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NGS-14 N25
02 NGS-14 S25
03 NGS-3 E13

TEST CODES and NAMES used on this workorder

FUELFP FUEL FINGERPRINT
TPHC TOT PETROLEUM HYDORCARBONS

SAMPLE ID NGS-3 E13 SAMPLE # 03 FRACTIONS: A,B
Date & Time Collected 09/26/91 10:00:00 Category

TPHC	640	MG/KG

SAMPLE ID NGS-3 E13 FRACTION 03B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/26/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 E13
DATE RUN	09/30/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	B70	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 1000 ppm

Comments:

Signature David M Kinney

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page ____ of ____

Project: NGS UST Removals

Charge No: 71300 N90-4873-02

Project Manager/Contact: MICHAEL VODA (MDVODA)

Phone: 3142

Cost Center: 82380

Sampler(s) Signature: [signature]

	Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW (GPM ___ CFS ___)	NO3 / N	TEMP °C	EC	pH	TPHC	FUEL FINGER PRINT
①	NGS-14 N 25	26SEP91	0900	SAND/CLAY	91-08-089 01	1						✓	✓
②	NGS-14 S 25	✓	0900	✓	02	1						✓	✓
③	NGS-3 E 13	✓	1000	✓	03	1						✓	✓

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	26SEP	0800	Guy Leary	9/27/91	06:30
Guy Leary	9/27/91	0705	[signature]	9/27/91	0705

Remarks: OASIS results asap

Received: 09/26/91 10/04/91 14:17:51

REPORT TO: SALT RIVER PROJECT / HILDA MARCHETTI / SRP

PREPARED BY:

CERTIFIED BY: E. H.

ATTEN:

ATTEN: PHONE:

CONTACT MCKINNEY

CLIENT SPECIALS SAMPLES 7

COMPANY SRP

FACILITY

WORK ID NSS UST REMOVALS

TAKEN DENNIS SHIRLEY

TRANS N90-AS731-CC

TYPE 71300

P.O. #

INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NSS-3 CENTER
02 NSS-3 EAST
03 NSS-3 WEST
04 NSS-3 SW ENDWALL
05 NSS-3 SW SIDEWALL
06 NSS-3 NW ENDWALL
07 NSS-3 NW SIDEWALL

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDDRCARBONS

SAMPLE ID NGS-3 CENTER SAMPLE # 01 FRACTIONS: A,B
Date & Time Collected 09/25/91 11:53:00 Category

TPHC	5900	MG/KG

SAMPLE ID NGS-3 CENTER FRACTION 01B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 11:53:00 Category

FUEL FINGERPRINT

SAMPLE ID NGS-3 CENTER
DATE RUN 09/26/91
MATRIX SOIL
ANALYST D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	3200	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

SAMPLE ID NGS-3 EAST SAMPLE # 02 FRACTIONS: A,B
Date & Time Collected 09/25/91 11:57:00 Category

TPHC	990	
	MG/KG	

SAMPLE ID NGS-3 EAST FRACTION Q2B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 11:57:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 EAST
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	1400	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection Limit= 100 ppm

Comments:

Signature David McKinney

SAMPLE ID NGS-3 WEST SAMPLE # 03 FRACTIONS: A,B
Date & Time Collected 09/25/91 11:47:00 Category

TPHC	17000	MG/KG

SAMPLE ID NGS-3 WEST FRACTION 038 TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 11:47:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 WEST
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	17500	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection Limit= 1000 ppm

Comments:

Signature David M Kenney

SAMPLE ID NGS-3 SW ENDWALL SAMPLE # 04 FRACTIONS: A,B
Date & Time Collected 09/25/91 13:45:00 Category

TPHC	350	MG/KG

SAMPLE ID NGS-3 SW ENDWALL FRACTION 04B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 13:45:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 SW ENDWALL
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection Limit= 100 ppm

Comments:

Signature David M McKinney

SAMPLE ID NGS-3 SW SIDEWALL SAMPLE # 05 FRACTIONS: A,B
Date & Time Collected 09/25/91 13:55:00 Category

TPHC	-15
	MG/KG

SAMPLE ID NGS-3 SW SIDEWALL FRACTION 05B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 13:55:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 SW SIDEWALL
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

SAMPLE ID NGS-3 NW ENDWALL SAMPLE # 06 FRACTIONS: A,B
Date & Time Collected 09/25/91 14:06:00 Category

TPHC	-15	
	MG/KG	

SAMPLE ID NGS-3 NW ENDWALL FRACTION 06B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 14:06:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 NW ENDWALL
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David W. McKinney

SAMPLE ID NGS-3 NW SIDEWALL SAMPLE # 07 FRACTIONS: A,B
Date & Time Collected 09/25/91 14:16:00 Category

TPHC	-15	MG/KG

SAMPLE ID NGS-3 NW SIDEWALL FRACTION 07B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/25/91 14:16:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-3 NW SIDEWALL
DATE RUN	09/26/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection Limit= 100 ppm

Comments:

Signature David M Kinney

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page ____ of ____

Project: NGS UST REMOVALS

Charge No: 71300 N90-48731-02

Project Manager/Contact: MIKE VODA

Phone: 3142

Cost Center: 88380

Sampler(s) Signature: [signature]

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM ____ CFS ____)	NO3/N	TEMP °C	EC	pH	ANALYSIS: EPA 418.1	EPA 8015						
NGS-3 CENTER	9/25/91	1153	SOIL	91-09-079 01	1						X	X						
NGS-3 EAST	"	1157	"	02	1						X	X						
NGS-3 WEST	"	1147	"	03	1						X	X						
NGS-3 SW ENDWALL	"	1345	"	04	1						X	X						
NGS-3 SW SIDEWALL	"	1355	"	05	1						X	X						
NGS-3 NW ENDWALL	"	1406	"	06	1						X	X						
NGS-3 NW SIDEWALL	"	1416	"	07	1						X	X						

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/26/91	0916	Elaine Heineman	9/26/91	0916

Remarks: BASIS+ PLZ PHONE WITH RESULTS

OMB NO 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses. Comments

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City Phoenix State AZ ZIP Code 85072

County Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City Page State AZ Zip code 86040

County Coconino Municipality

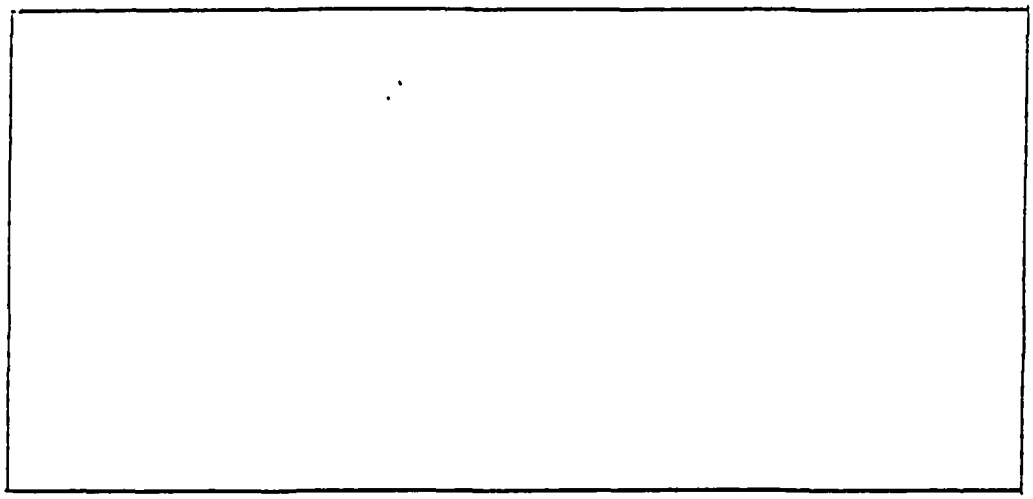
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: 42 36, 12 N Long 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



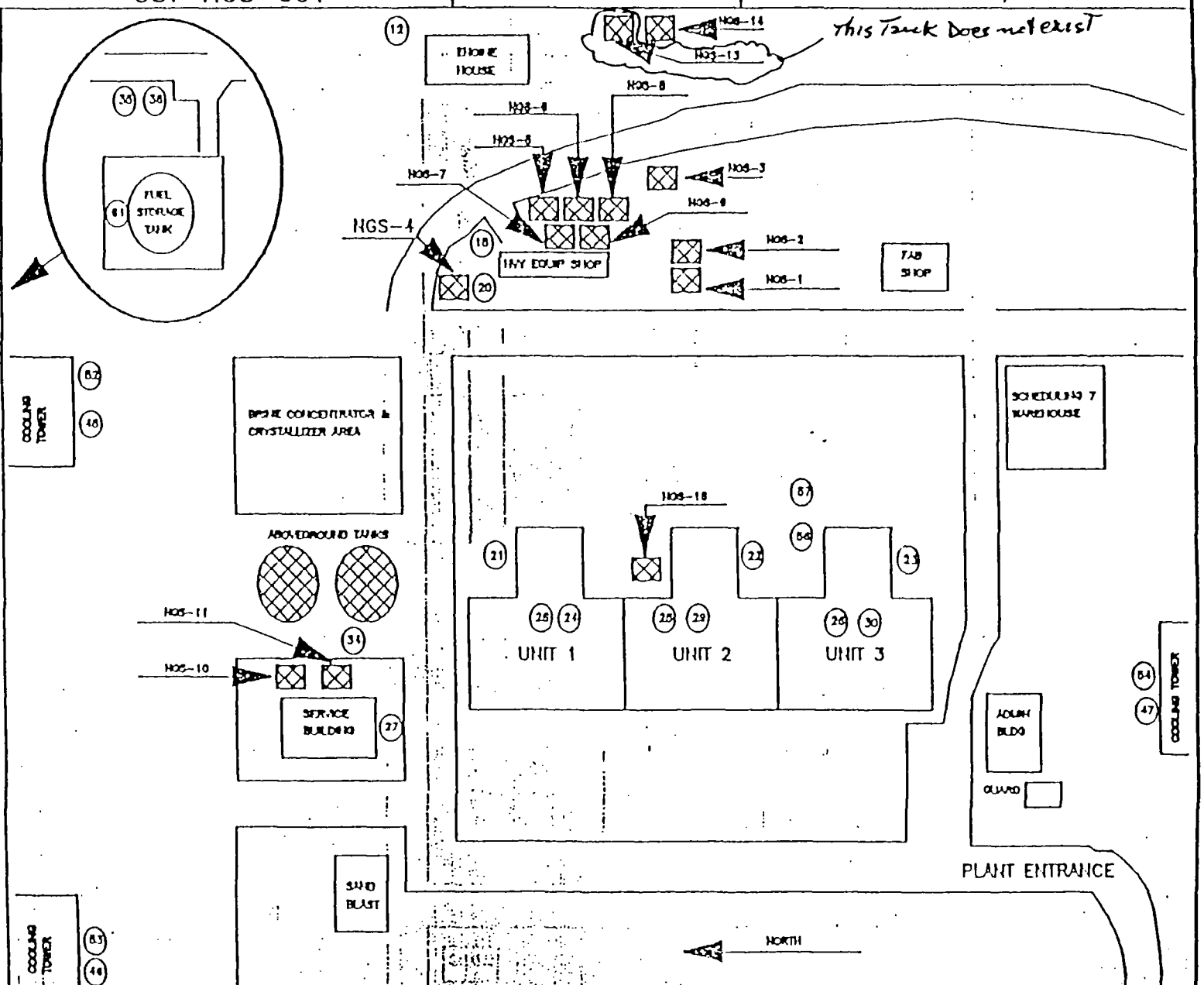
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL. UNLD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL. 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL. WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 20,000 GAL. DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-38: FUEL UNLDG SUB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-58: ACID TRENCH SUMP
NGS-57: ACID STORAGE SUMP
NGS-60: LAKE PUMP OIL SEP
NGS-61: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_X_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No: NGS1	Tank No: NGS2	Tank No: NGS3	Tank No. NGS4	Tank No: NGS5
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1978
3. Estimated Total Capacity (gallons)	12,000	12,000	12,000	5,000	6,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank					
Pressure	x	x	x	x	
Gravity Fed					x
Has piping been repaired?					

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	X				
Diesel		X	X	X	
Gasohol					
Kerosene					
Heating Oil					
Used Oil					X
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	10/1/91	10/1/91	9/24/91	9/2/90	9/22/91
B. Estimate date tank closed (mo./day/year)	10/2/91	10/2/91	9/25/91	9/4/91	9/23/91
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	X	X	In Progress	X	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	Tank No. NGS1 TANK	Tank No. NGS1 PIPING	Tank No. NGS2 TANK	Tank No. NGS2 PIPING	Tank No. NGS3 TANK	Tank No. NGS3 PIPING	Tank No. NGS4 TANK	Tank No. NGS4 PIPING	Tank No. NGS5 TANK	Tank No. NGS5 PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors	X		X		X		X			
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — Guy Leary (Signature) — 11/22/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — Salt River Project (Company)

* For Upgrade only

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-4

Contents and Capacity: 5,000 gallon diesel fuel

Nature of Release: None.

Regulated Substance Released: Not Applicable.

Quantity of Release: Not Applicable.

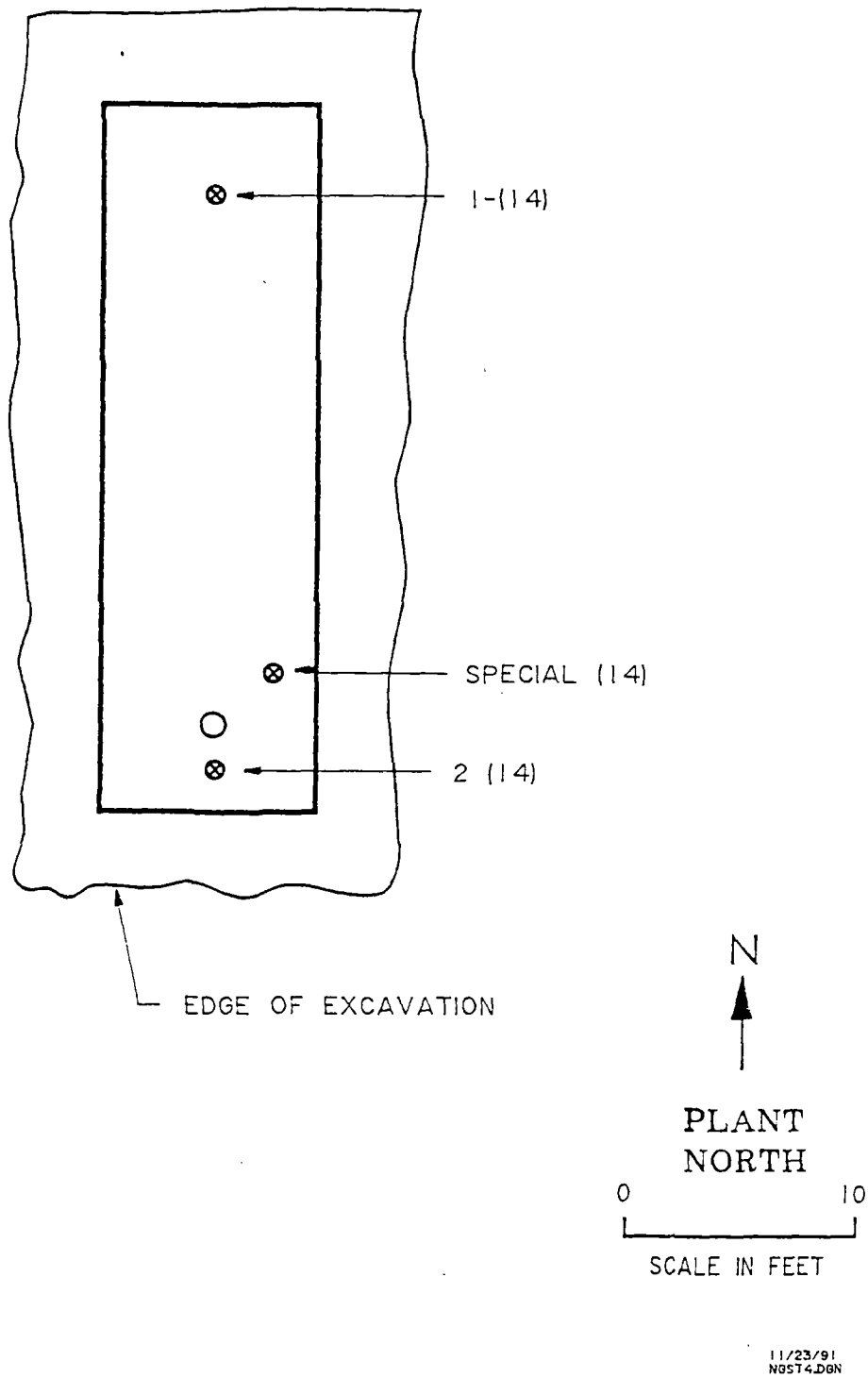
Period of Time Over Which Release Occurred: Not applicable.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 5, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 14 feet below grade. The soil samples were submitted for TPHC analyses by EPA Method 418.1 and for Fuel Fingerprint analyses by EPA Method 8015M. All results came back below method detection limits indicating there has been no release from the tank.

Action Anticipated: None.

FIGURE 6
NGS-4



Page 1 SRP WQ LAB REPORT Work Order # 91-09-019

Received: 09/06/91 09/09/91 07:19:01

REPORT [illegible] PREPARED BY ______

TO [illegible]

SRP

ATTEN [illegible] ATTEN ______

PHONE ______

E.H.

CERTIFIED BY

CONTACT [illegible]

CLIENT [illegible] SAMPLES 1

COMPANY SRP [illegible]

FACILITY [illegible]

[illegible]

[illegible] under separate cover

SAMPLE IDENTIFICATION

1 [illegible]

[illegible]

TEST CODES and NAMES used on this workorder

[illegible] TOT PETROLEUM HYDROCARBONS

SAMPLE ID NGS-4 14' DEEP 1/2 SAMPLE # 01 FRACTIONS: A
Date & Time Collected 09/05/91 14:00:00 Categor:

TPHC	-15		

SAMPLE ID NGS-4 14' DEEP 2/2 SAMPLE # 02 FRACTIONS: A
Date & Time Collected 09/05/91 14:00:00 Categor:

TPHC	-15		

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS TANK REMOVAL

Charge No: 713Y0
N90-48931-02

Project Manager/Contact: GE HERSCHER

Phone: 5917

Cost Center: 88380

Sampler(s) Signature: GE Herscher

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM / CFS)	NO3 / N	TEMP °C	EC	pH	ANALYSIS: TPH
NGS-4 14' DEEP 1/2	9/5/91	2PM	SOIL	91-09-019 01	1						C
" 2/2	"	"	"	02	1						C

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
GE Herscher			Elaine Runeman	9/6/91	0810
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks: RUSH!!! O/V w/ RESULTS

Transported in Cooler via Co. Plane

Page 1 | SRP WQ LAB | REPORT | Work Order # 91-09-018

Received: 09/06/91 | 09/09/91 07:18:28

REPORT SALT RIVER PROJECT
TO HILDA [illegible]
SRP

PREPARED BY

E.H.
CERTIFIED BY

ATTEN

ATTEN
PHONE

CONTACT MURPHY

CLIENT SPECIALS | SAMPLES 1
COMPANY SRP
FACILITY

[illegible]

SAMPLE IDENTIFICATION

01 [illegible] SPECIAL

TEST CODES and NAMES used on this workorder

TPHC TOT PETROLEUM HYDROCARBONS

SAMPLE ID: NGS-4 SPECIAL SAMPLE # 01 FRACTIONS: A
Date & Time Collected 09/05/91 13:00:00 Category

TPHC -15

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS TANK REMOVAL

Charge No: 91340 WO-48731-02

Project Manager/Contact: G E HERSCHEL

Phone: 5917

Cost Center: 88380

Sampler(s) Signature: G E Herschel

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM / CFS)	NO3 / N	TEMP °C	EC	pH	ANALYSIS: TPH S
NGS-4 SPECIAL	9/5/91	1pm	Soil	91-09-018 01	1						

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
G E Herschel	9/5/91		Diane Runeman	9/6/91	0810
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks: KEEP THIS ONE SEPERATE - ON W RESULTS (RUSH)

Transported in coolers via Co. Plane

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses, Comments

_____

_____

_____

_____

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip Code: 86040

County: Coconino Municipality:

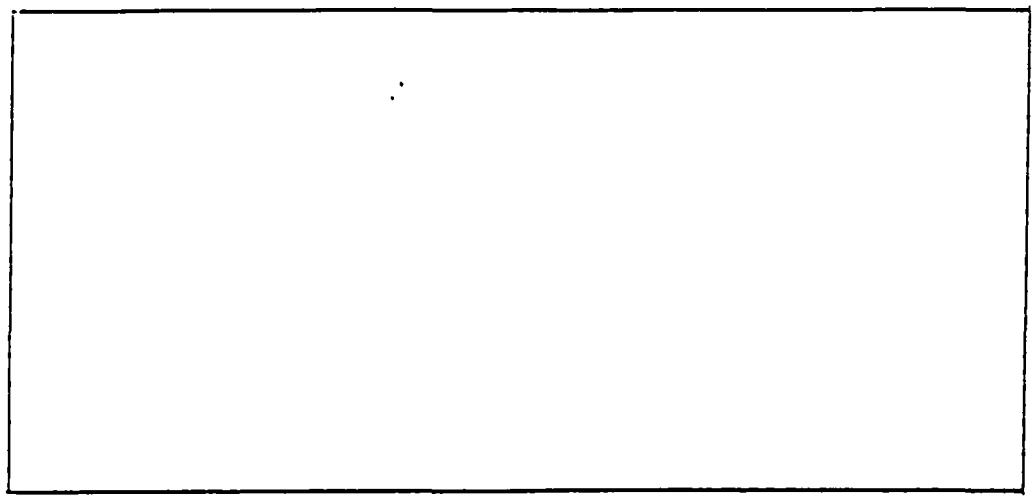
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: Lat: 42 36 12 N Long 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



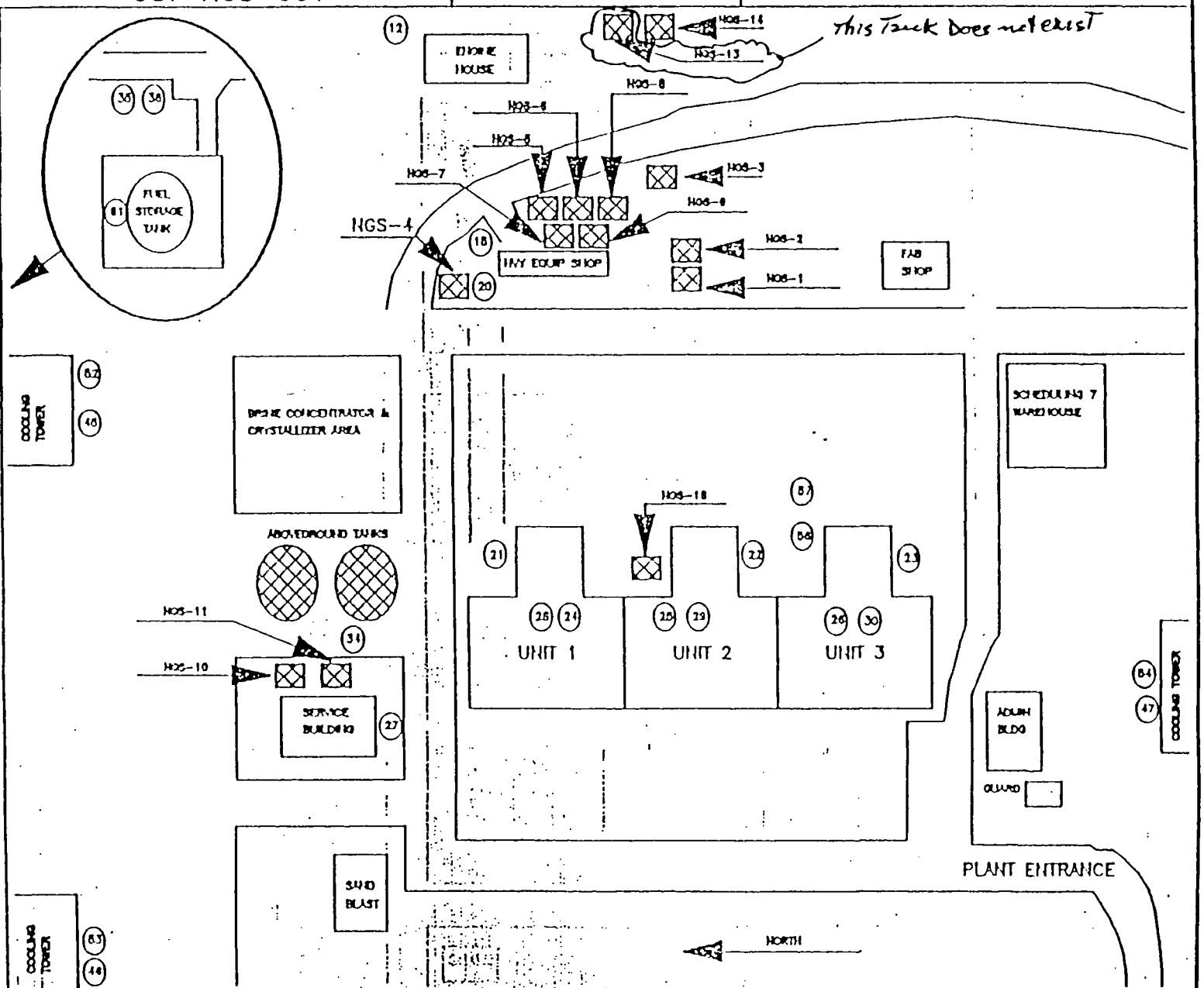
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility - NGS-13 was reported but did not exist - NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL. LEAD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL. 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL. WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 280,000 GAL. DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-38: FUEL UNLDG SUB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-63: CT ACID TK SUMP
NGS-64: CT ACID TK SUMP
NGS-66: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER

- ☐ Federal Gov't.
- ☐ State Government
- ☒ Local Government
- ☐ Commercial
- ☐ Private

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. ☒

Tanks are owned by native American nation, tribe, or individual ☐

Tribe or Nation: Navajo

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_X_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX)					
Permanently Out of Use (Remember to fill out section IX)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1978
3. Estimated Total Capacity (gallons)	12,000	12,000	12,000	5,000	6,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank					
Pressure	x	x	x	x	
Gravity Fed					x
Has piping been repaired?					

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	X				
Diesel		X	X	X	
Gasohol					
Kerosene					
Heating Oil					
Used Oil					X
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank A. Estimated date last used (mo./day/year)	10/1/91	10/1/91	9/24/91	9/2/90	9/22/91
B. Estimate date tank closed (mo./day/year)	10/2/91	10/2/91	9/25/91	9/4/91	9/23/91
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material Describe					
F. Change in service					
2. Site Assessment Completed	X	X	In Progress	X	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors	X		X		X		X			
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — Guy Leary (Signature) — 11/22/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — Salt River Project (Company)

* For upgrade only

Tank Release Report

Facility Name:	Navajo Generating Station
Date:	November 22, 1991
Location:	Page, Arizona
Tank Designation:	NGS-5
Contents and Capacity:	6,000 gallon waste oil
Nature of Release:	Spillage and overfills.
Regulated Substance Released:	Waste oil.
Quantity of Release:	Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 23, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and north-center ends of the tank at an approximate depth of 13 feet below grade. An additional sample was collected from beneath the south end of the tank at approximately 16 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1, Fuel Fingerprint analyses by EPA Method 8015M, and Volatile Organic Compound (VOC) analysis by EPA Method 8010/8020.

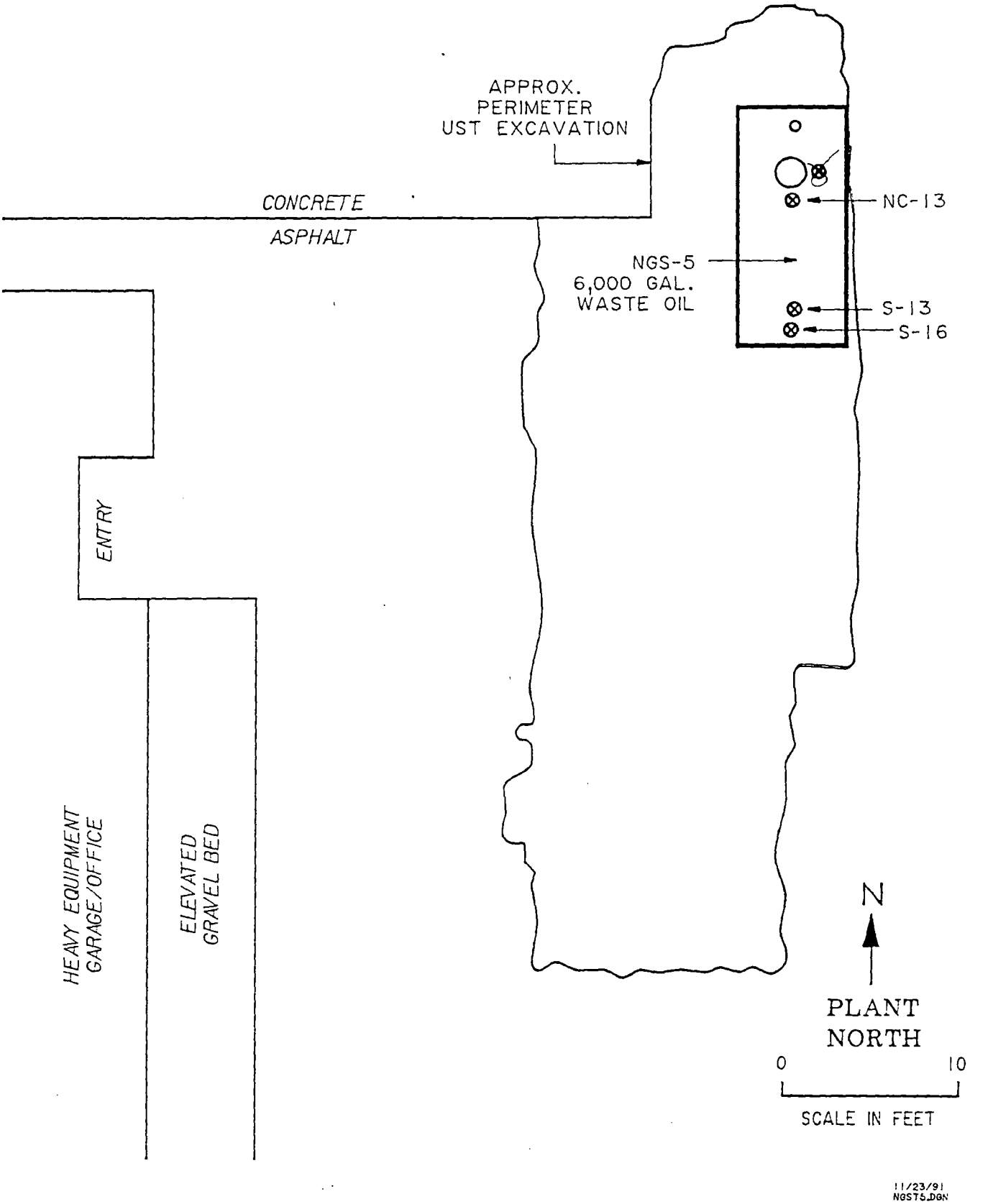
Total petroleum hydrocarbon contamination of 68,000 mg/kg was detected immediately beneath the south end of the tank. No significant soil contamination was detected beneath the north-center end of the tank. Fuel fingerprint analyses confirm the level of contamination beneath the south end of the tank and identify the source as a lubricating oil. Toluene and xylene, fractions of a petroleum product, were detected in the soil samples submitted for VOC analysis. A low level (100 mg/kg) of tetrachloroethene (PCE) was also detected in the soil sample collected from 13 feet below grade beneath the south end of the tank, but was not detected in the sample collected from 16 feet below grade.

The tank was tested tight on December 27 1988. No visible sign of tank failure was observed upon tank removal. Based on these observations and the soil sampling results from beneath the fill side of the tank, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been verified.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the south end of the former tank location. Soil samples would be submitted for analysis by EPA Methods 418.1, 8015M, and 8010/8020.

FIGURE 7
NGS-5



Received: 09/24/91 10/04/91 14:06:41

REPORT SALT RIVER PROJECT
TO WILDA MARCHETTI
SRP

PREPARED BY

E. H.
CERTIFIED BY

ATTEN

ATTEN
PHONE

CONTACT MURPHY

CLIENT SPECIALS SAMPLES 13
COMPANY SRP
FACILITY

WORK ID NGS UST CLOSURE
TAKEN DENNIS SHIRLEY
TRANS N90-49771-02
TYPE 71300
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	3010/8020

SAMPLE ID NGS-6 SOUTH SAMPLE # 01 FRACTIONS: A
Date & Time Collected 09/23/91 15:08:00 Category

TPHC	1100	MG/KG

SAMPLE ID NGS-6 NORTH SAMPLE # 02 FRACTIONS: A
Date & Time Collected 09/23/91 14:59:00 Category

TPHC	82	MG/KG

SAMPLE ID NGS-5 SOUTH (13') SAMPLE # 03 FRACTIONS: A,B
Date & Time Collected 09/23/91 15:35:00 Category

TPHC	68000	MG/KG

SAMPLE ID NGS-5 SOUTH (16') SAMPLE # 04 FRACTIONS: A,B
Date & Time Collected 09/23/91 15:53:00 Category

TPHC	68000	MG/KG

SAMPLE ID NGS-7 NORTH SAMPLE # 05 FRACTIONS: A
Date & Time Collected 09/23/91 14:45:00 Category

TPHC	31000	MG/KG

SAMPLE ID NGS-7 SOUTH SAMPLE # 06 FRACTIONS: A
Date & Time Collected 09/23/91 14:37:00 Category

TPHC	20000	MG/KG

SAMPLE ID NGS-8 EAST SAMPLE # 07 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC	20000	MG/KG

SAMPLE ID NGS-8 WEST SAMPLE # 08 FRACTIONS: A
Date & Time Collected 09/23/91 14:31:00 Category

TPHC	23000	MG/KG

SAMPLE ID NGS-9 EAST SAMPLE # 09 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC	47000	MG/KG

SAMPLE ID NGS-9 WEST SAMPLE # 10 FRACTIONS: A
Date & Time Collected 09/23/91 14:25:00 Category

TPHC	25000	MG/KG

SAMPLE ID NGS-5 CENTER (NORTH END) SAMPLE # 11 FRACTIONS: A,B
Date & Time Collected 09/24/91 08:20:00 Category

TPHC	76	MG/KG

SAMPLE ID N6S-5 SOUTH (13') FRACTION 03B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/23/91 15:35:00 Category

FUEL FINGERPRINT

SAMPLE ID	N6S-5 SOUTH (13')
DATE RUN	09/25/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	90000	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

SAMPLE ID NGS-5 SOUTH (13') FRACTION 03B TEST CODE VOA2 NAME 8010/8020
Date & Time Collected 09/23/91 15:35:00 Category

8010/8020 ANALYSIS

Sample Date	09/23/91	Accession Number	9109070003
Received Date	09/24/91	Sample Id	NGS-5 SOUTH (13')
Analysis Date	09/26/91	Units	UG/KG
Matrix	SOIL	Dilution Factor	100/1000
Analyst	E.J.MURPHY	Analyzing Lab	SRP

COMPOUND	DET LIM	RESULT	COMPOUND	DET LIM	RESULT
Dichlorodifluoromethane	-99	-99	Bromodichloromethane	50	-50
Chloromethane	-99	-99	2-Chloroethylvinylether	50	-50
Vinyl Chloride	-99	-99	T-1,3-Dichloropropene	50	-50
Bromomethane	-99	-99	Toluene	500	1300
Chloroethane	-99	-99	C-1,3-Dichloropropene	50	-50
Trichlorofluoromethane	50	-50	1,1,2-Trichloroethane	50	-50
1,1-Dichloroethylene	50	-50	Tetrachloroethylene	50	100
Methylene Chloride	50	-50	Dibromochloromethane	50	-50
T-1,2-Dichloroethylene	50	-50	Chlorobenzene	50	-50
1,1-Dichloroethane	50	-50	Ethyl Benzene	50	-50
Chloroform	50	-50	M/P Xylenes	50	84
1,1,1-Trichloroethane	50	-50	O Xylene	50	-50
Carbon Tetrachloride	50	-50	Bromoform	50	-50
Benzene	50	-50	1,1,2,2-Tetrachloroethane	50	-50
1,2-Dichloroethane	50	-50	1,3-Dichlorobenzene	50	-50
Trichloroethene	50	-50	1,4-Dichlorobenzene	50	-50
1,2-Dichloropropane	50	-50	1,2-Dichlorobenzene	50	-50

QA/QC Comments

NOTES:

A result preceded by - indicates
result is below detection limit
A -99 indicates that the compound
was not analyzed

SAMPLE ID NGS-5 SOUTH (16') FRACTION 04B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/23/91 15:53:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-5 SOUTH (16')
DATE RUN	09/25/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	64000	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

SAMPLE ID NGS-5 SOUTH (16') FRACTION 04B TEST CODE VOA2 NAME 8010/8020
Date & Time Collected 09/23/91 15:53:00 Category

8010/8020 ANALYSIS

Sample Date	09/23/91	Accession Number	91090700-
Received Date	09/24/91	Sample Id	NGS-5 SOUTH (16'
Analysis Date	09/26/91	Units	UG/KG
Matrix	SOIL	Dilution Factor	100/1000
Analyst	E.J.MURPHY	Analyzing Lab	SRP

COMPOUND	DET LIM	RESULT	COMPOUND	DET LIM	RESULT
Dichlorodifluoromethane	-99	-99	Bromodichloromethane	50	-50
chloromethane	-99	-99	2-Chloroethylvinylether	50	-50
Vinyl Chloride	-99	-99	T-1,3-Dichloropropene	50	-50
Bromoethane	-99	-99	Toluene	500	1800
Chloroethane	-99	-99	C-1,3-Dichloropropene	50	-50
Trichlorofluoromethane	50	-50	1,1,2-Trichloroethane	50	-50
1,1-Dichloroethylene	50	-50	Tetrachloroethylene	50	-50
Methylene Chloride	50	-50	Dibromochloromethane	50	-50
T-1,2-Dichloroethylene	50	-50	Chlorobenzene	50	-50
1,1-Dichloroethane	50	-50	Ethyl Benzene	50	-50
Chloroform	50	-50	M/P Xylenes	50	-50
1,1,1-Trichloroethane	50	-50	O Xylene	50	64
Carbon Tetrachloride	50	-50	Bromoform	50	-50
Benzene	50	-50	1,1,2,2-Tetrachloroethane	50	-50
1,2-Dichloroethane	50	-50	1,3-Dichlorobenzene	50	-50
Trichloroethene	50	-50	1,4-Dichlorobenzene	50	-50
1,2-Dichloropropane	50	-50	1,2-Dichlorobenzene	50	-50

8010C Comments

NOTES:

A result preceded by - indicates
result is below detection limit
A -99 indicates that the compound
was not analyzed

SAMPLE ID NGS-5 CENTER (NORTH END) FRACTION 11B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/24/91 08:20:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-5 CENTER (NORTH END)
DATE RUN	09/25/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection Limit= 100 ppm

Comments:

Signature David McKinney

SAMPLE ID NGS-5 CENTER (NORTH END) FRACTION 11B TEST CODE VOA2 NAME 8010/8020
Date & Time Collected 09/24/91 08:20:00 Category ______

8010/8020 ANALYSIS

Sample Date	09/23/91	Accession Number	510907011
Received Date	09/24/91	Sample Id	NGS-5CENTER(NORTHEND
Analysis Date	09/26/91	Units	UG/KG
Matrix	SOIL	Dilution Factor	100
Analyst	E.J.MURPHY	Analyzing Lab	SRP

COMPOUND	DET LIM	RESULT	COMPOUND	DET LIM	RESULT
Dichlorodifluoromethane	-99	-99	Bromodichloromethane	50	-50
Chloromethane	-99	-99	2-Chloroethylvinylether	50	-50
Vinyl Chloride	-99	-99	T-1,3-Dichloropropene	50	-50
Bromomethane	-99	-99	Toluene	50	-50
Chloroethane	-99	-99	C-1,3-Dichloropropene	50	-50
Trichlorofluoromethane	50	-50	1,1,2-Trichloroethane	50	-50
1,1-Dichloroethylene	50	-50	Tetrachloroethylene	50	-50
Methylene Chloride	50	-50	Dibromochloromethane	50	-50
T-1,2-Dichloroethylene	50	-50	Chlorobenzene	50	-50
1,1-Dichloroethane	50	-50	Ethyl Benzene	50	-50
Chloroform	50	-50	M/P Xylenes	50	-50
1,1,1-Trichloroethane	50	-50	O Xylene	50	-50
Carbon Tetrachloride	50	-50	Bromoform	50	-50
Benzene	50	-50	1,1,2,2-Tetrachloroethane	50	-50
1,2-Dichloroethane	50	-50	1,3-Dichlorobenzene	50	-50
Trichloroethene	50	-50	1,4-Dichlorobenzene	50	-50
1,2-Dichloropropane	50	-50	1,2-Dichlorobenzene	50	-50

QA/QC Comments ______

NOTES:

A result preceded by - indicates
result is below detection limit
A -99 indicates that the compound
was not analyzed

SRP

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST Closure

Charge No: N90-48731-02

Project Manager/Contact: MIKE VODA

Phone: 3142

Cost Center: 88380

Sampler(s) Signature: [signature]

FIELD DATA: FLOW (GPM ___, CFS ___), NO3/N, TEMP °C, EC, pH

ANALYSIS: TPH (EPA 418.1), EPA 8015, EPA 8010

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	TPH (EPA 418.1)	EPA 8015	EPA 8010
NGS-6 SOUTH	9/23/91	1508	SOIL	91-09-070 01	1	X		
NGS-6 NORTH	"	1459	"	02	1	X		
NGS-5 SOUTH (13')	"	1535	"	03	1	X	X	X
NGS-5 SOUTH (16')	"	1553	"	04	1	X	X	X
NGS-7 NORTH	"	1445	"	05	1	X		
NGS-7 SOUTH	"	1437	"	06	1	X		
NGS-8 EAST	"	1440	"	07	1	X		
NGS-8 WEST	"	1431	"	08	1	X		
NGS-9 EAST	"	1440	"	09	1	X		
NGS-9 WEST	9/23/91	1425	SOIL	10	1	X		

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	7:30	[signature]	9/24/91	1130

Remarks: Expedite EPA 418.1 Analysis. Transported in sealed cooler via Skyvest

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST CLOSURE

Charge No:

Project Manager/Contact: MIKE VODA

Phone: 3142

Cost Center:

Sampler(s) Signature: Dennis H. Shuey

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM / CFS)	NO3 / N	TEMP °C	EC	pH	ANALYSIS: EPA 418.1	EPA 8015	EPA 8010
NGS-5 CENTER(NORTH END)	9/24/91	0820	SOIL	91-09-090 11	1						X	X	X
NGS-14 UST SOUTH END	"	0925	SOIL	12	1						X	X	
NGS-14 UST NORTH END	9/24/91	1008	SOIL	13	1						X	X	

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Dennis H. Shuey	9/24/91	16:49	Elaine Nunemaker	9/24/91	1430
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks:
PLZ EXPEDITE TPH ANALYSIS.
Transported in sealed cooler via Shuey

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses. Comments

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless *exempted, owners of underground tanks that store regulated substances must* notify designated State or local agencies of the existence of their tanks. Owner *means*—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City Phoenix State AZ ZIP Code 85072

County Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City Page State AZ Zip Code 86040

County Coconino Municipality

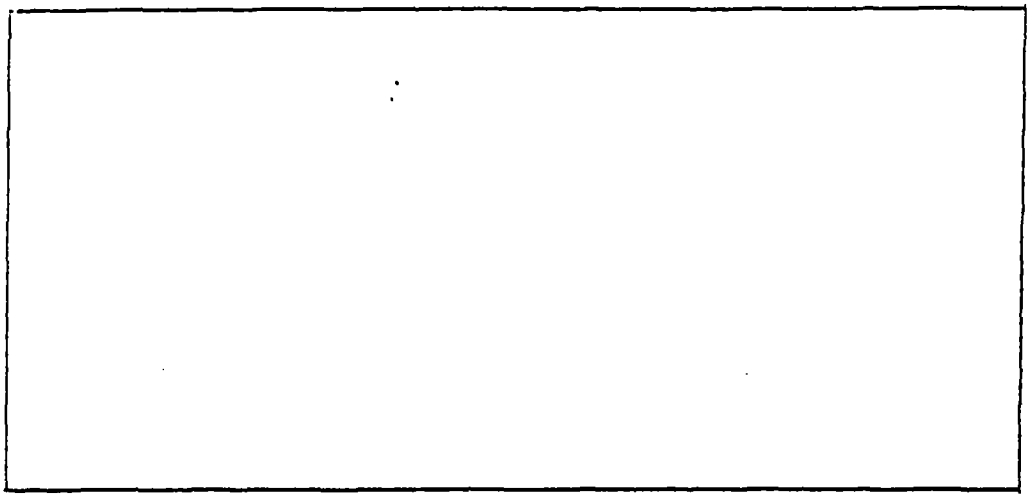
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: LAT 42 36 12 N, Long 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



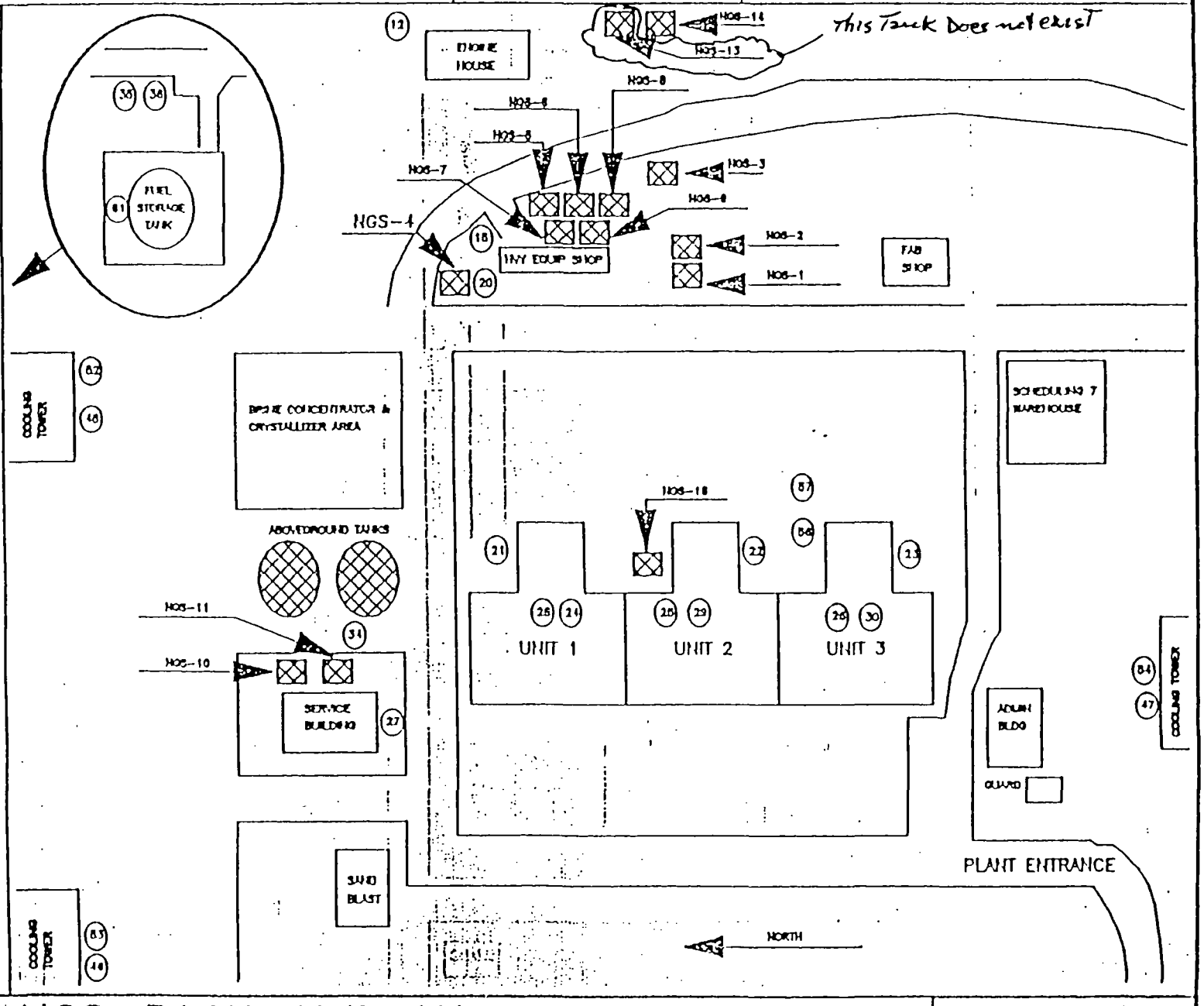
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,800 gallon instead of 10,000 gallon

PLOT SKETCH NO. UST-NGS-001 | REVISION NO. 1 | DATE: JANUARY 1, 1989

TANK LIST

(X) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL, LEAD CAR
NGS-2: AUTO FUEL ISLAND 12,000 GAL, DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
NGS-4: ST CLEAR FUEL TK 8,000 GAL, DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL, ANTI-FREEZE
(X) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
(X) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(X) NGS-14: FUEL ISLD AT RR 280,000 GAL, DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL, DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG ISLD PIPING SUMP
NGS-38: FUEL UNLDG ISLD SUMP
NGS-37: FUEL UNLDG ISLD TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-58: ACID TRENCH SUMP
NGS-57: ACID STORAGE SUMP
NGS-60: LAKE PUMP OIL SEP
NGS-61: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA

PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_x_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1978
3. Estimated Total Capacity (gallons)	12,000	12,000	12,000	5,000	6,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel	Wrapped Steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank					
Pressure	x	x	x	x	
Gravity Fed					x
Has piping been repaired?					

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline	X				
Diesel		X	X	X	
Gasohol					
Kerosene					
Heating Oil					
Used Oil					X
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	10/1/91	10/1/91	9/24/91	9/2/90	9/22/91
B. Estimate date tank closed (mo./day/year)	10/2/91	10/2/91	9/25/91	9/4/91	9/23/91
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	X	X	In Progress	X	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS1	Tank No. NGS2	Tank No. NGS3	Tank No. NGS4	Tank No. NGS5
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors	X		X		X		X			
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — Guy Leary (Signature) — 11/22/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — Salt River Project (Company)

* For Upgrade only

NGS – 6

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-6

Contents and Capacity: 5,000 gallon 10W lubricating oil

Nature of Release: Spillage and overfills.

Regulated Substance Released: Lubricating oil.

Quantity of Release: Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 23, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 12 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1.

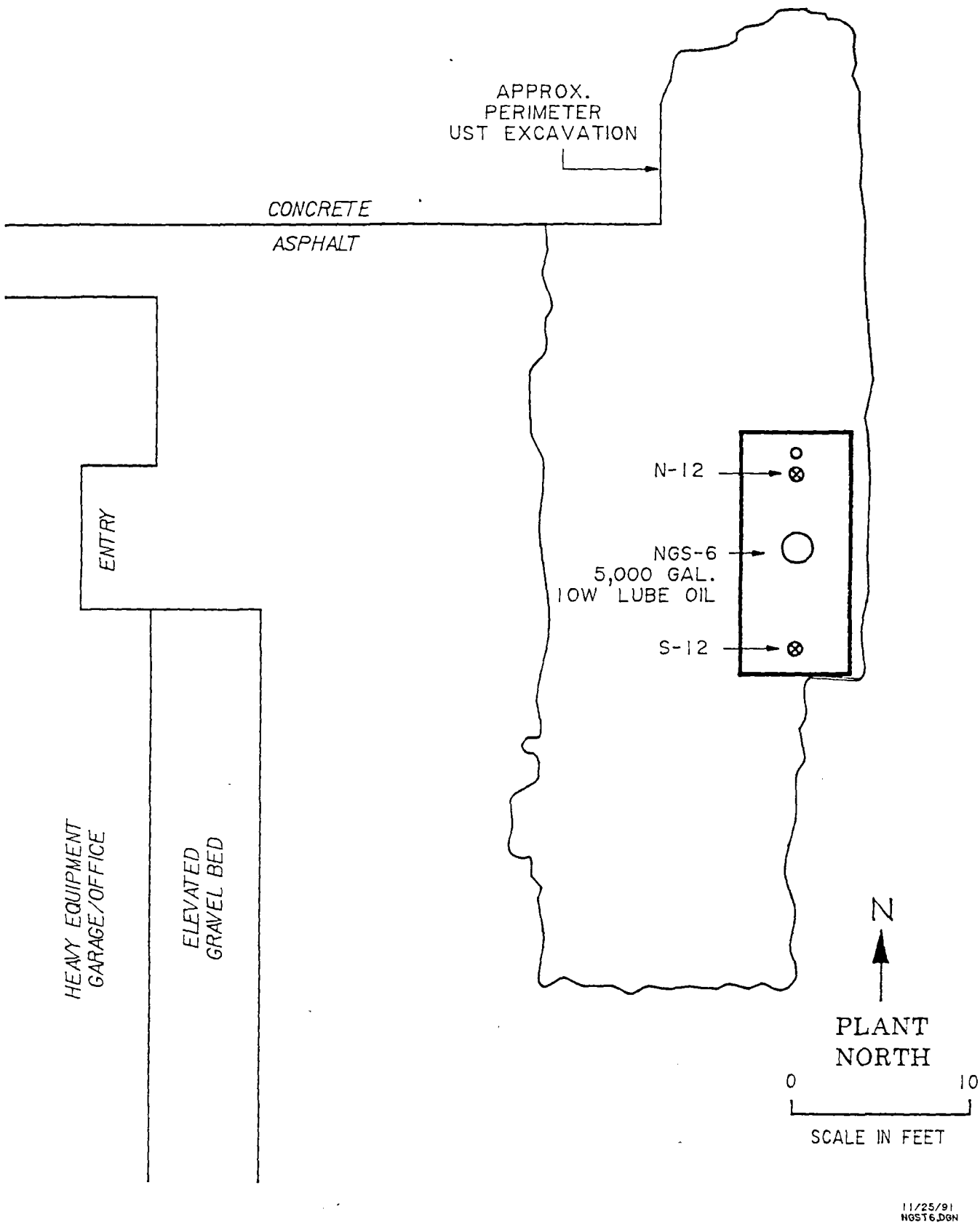
Soil samples collected from immediately beneath the tank detected 1100 mg/kg TPHC beneath the south end of the tank. No significant soil contamination was detected beneath the north end of the tank.

The tank was tested tight on June 21, 1988. No visible sign of tank failure was observed upon tank removal. Based on these observations and the soil sampling results, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been verified. Due to the number of lubricating oil tanks located in the same excavation, it is possible that the positive detection of petroleum hydrocarbons beneath the tank originated from spills from an adjacent tank.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the north and south ends of the former tank location. Soil samples would be submitted for analysis by EPA Method 418.1.

FIGURE 8
NGS-6



Received: 09/24/91 10/04/91 14:06:41

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

CERTIFIED BY: E. H.

ATTEN:

ATTEN:
PHONE:

CONTACT MURPHY

CLIENT: SPECIALS SAMPLES 13
COMPANY: SRP
FACILITY:

WORK ID: NGS UST CLOSURE
TAKEN: DENNIS SHIRLEY
TRANS: N90-49721-02
TYPE: 21303
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	3010/8020

SAMPLE ID NGS-6 SOUTH SAMPLE # 01 FRACTIONS: A
Date & Time Collected 09/23/91 15:08:00 Category

TPHC	1100	MG/KG

SAMPLE ID NGS-6 NORTH SAMPLE # 02 FRACTIONS: A
Date & Time Collected 09/23/91 14:59:00 Category

TPHC	82	MG/KG

SAMPLE ID NGS-5 SOUTH (13') SAMPLE # 03 FRACTIONS: A,B
Date & Time Collected 09/23/91 15:35:00 Category

TPHC	68000	MG/KG

SRP Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST Closure
Charge No: N90-48731-02
Project Manager/Contact: MIKE VODA
Phone: 3142
Cost Center: 88580
Sampler(s) Signature: [signature]

FIELD DATA: FLOW (GPM ___, CFS ___), NO3/N, TEMP °C, EC, pH

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	TPH (EPA 418.1)	EPA 8015	EPA 8010
NGS-6 SOUTH	9/23/91	1508	SOIL	91-09-070 01	1	X		
NGS-6 NORTH	"	1459	"	02	1	X		
NGS-5 SOUTH (13')	"	1535	"	03	1	X	X	X
NGS-5 SOUTH (16')	"	1553	"	04	1	X	X	X
NGS-7 NORTH	"	1445	"	05	1	X		
NGS-7 SOUTH	"	1437	"	06	1	X		
NGS-8 EAST	"	1440	"	07	1	X		
NGS-8 WEST	"	1431	"	08	1	X		
NGS-9 EAST	"	1440	"	09	1	X		
NGS-9 WEST	9/23/91	1425	SOIL	10	1	X		

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	7:30	[signature]	9/24/91	1130

Remarks: Expedite EPA 418.1 Analysis — transported in sealed cooler via ...

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses. Comments

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip Code: 86040

County: Coconino Municipality:

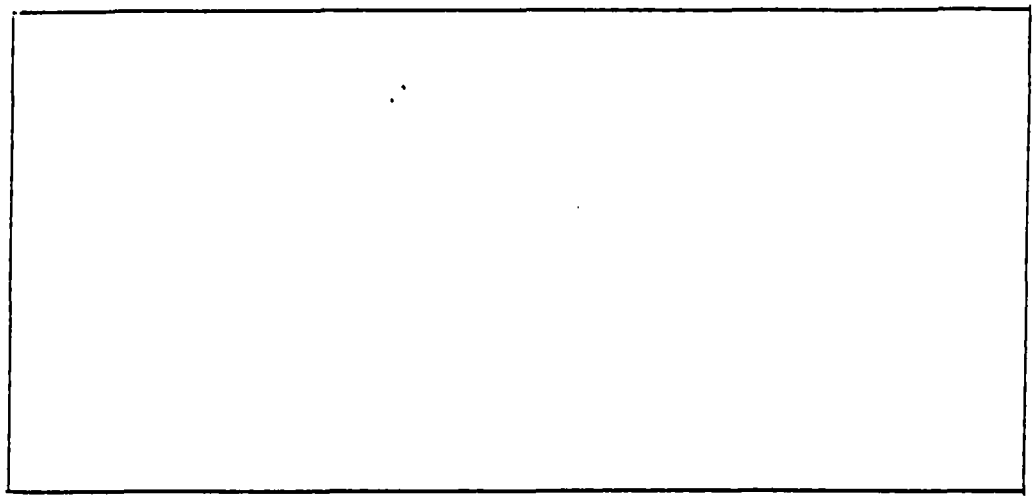
Give the geographic location of tanks if required by State (in degrees, minutes, and seconds. Examples: Lat 42 30 12 N, Long 85 24 17W)
40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



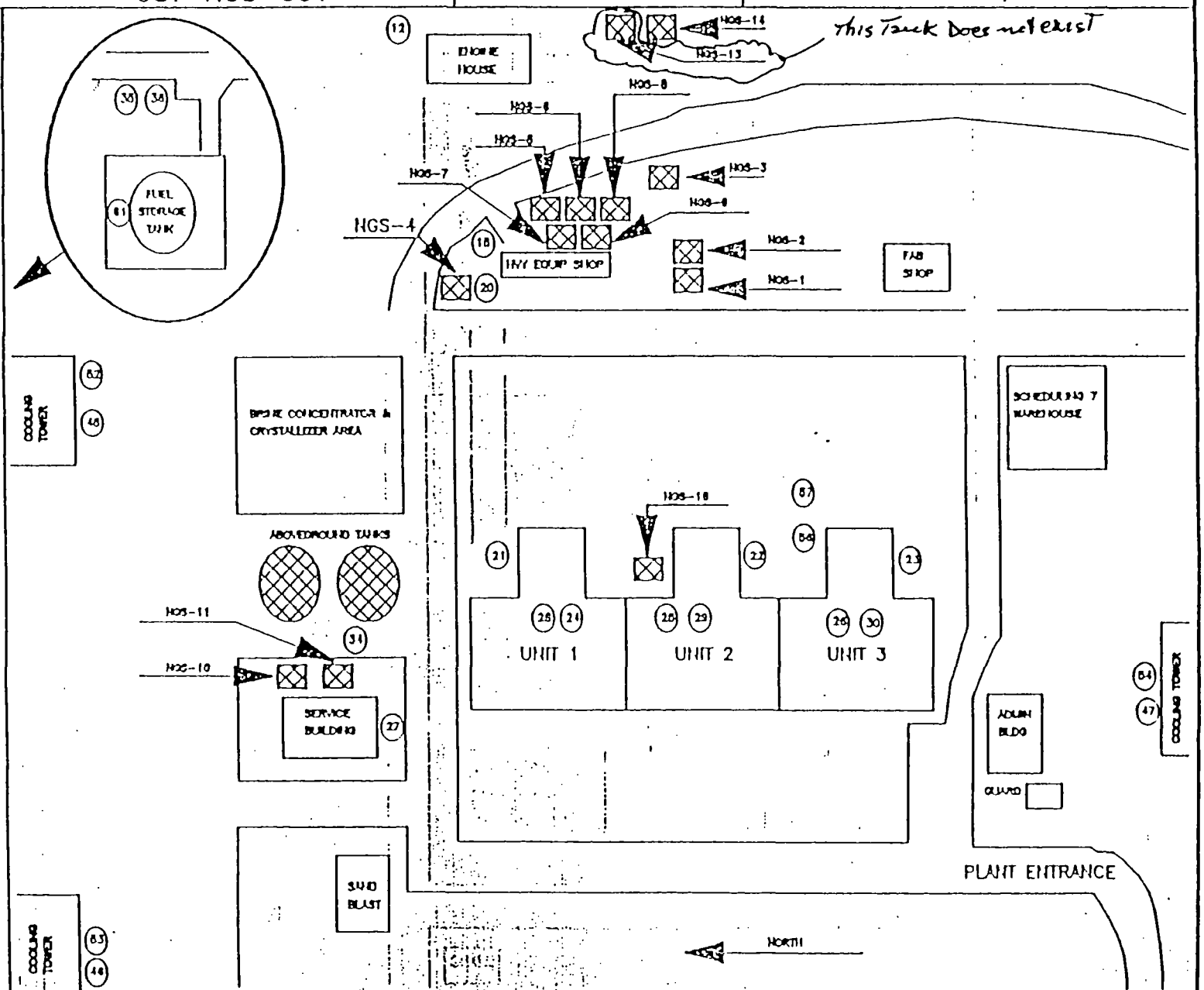
2. Do you have any additional comments? All Tanks (UST) have been removed AT this Facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL, UNLD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL, DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
NGS-4: ST CLEAN FUEL TK 8,000 GAL, DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 20,000 GAL, DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL, DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-38: FUEL UNLDG SLAB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-68: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-60: LAKE PUMP OIL SEP
NGS-61: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA

PAGE NO. 20

III. TYPE OF OWNER

- ☐ Federal Gov't.
- ☐ State Government
- ☒ Local Government
- ☐ Commercial
- ☐ Private

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. ☒

Tanks are owned by native American nation, tribe, or individual ☐

Tribe or Nation: Navajo

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_X_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1971
3. Estimated Total Capacity (gallons)	5,000	5,000	2,000	2,000	1,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	x	x	x	x	
Suction: valve at tank					x
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					X
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, Please Specify	Motor oil	Hydraulic Oil	Trans. Fluid	AntiFreeze	
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	9/22/91	9/22/91	9/22/91	9/22/91	01/01/77
B. Estimate date tank closed (mo./day/year)	9/23/91	9/23/91	9/23/91	9/23/91	01/01/77
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	In Progress	In Progress	In Progress	In Progress	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS6		Tank No. NGS7		Tank No. NGS8		Tank No. NGS9		Tank No. NGS10	
1. Installation										
A. Installer certified by tank and piping manufacturers										
B. Installer certified or licensed by the implementing agency										
C. Installation inspected by a registered engineer	X		X		X		X		X	
D. Installation inspected and approved by implementing agency										
E. Manufacturer's installation check-lists have been completed										
F. Another method allowed by State agency. Please specify.										
2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			
3. Spill and Overfill Protection										
A. Overfill device installed										
B. Spill device installed										

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Tony Leary (Name) — Tony Leary (Signature) — 11/24/91 (Date)

MANAGER — TANKS + HVAC DESIGN SERVICES (Position) — SART RIVER PROJECT (Company)

* For UP Grade only

NGS – 7

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-7

Contents and Capacity: 5,000 gallon 30W lubricating oil

Nature of Release: Spillage and overfills.

Regulated Substance Released: Lubricating oil.

Quantity of Release: Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 23, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 12 feet below grade. The soil samples were submitted TPHC analysis by EPA Method 418.1.

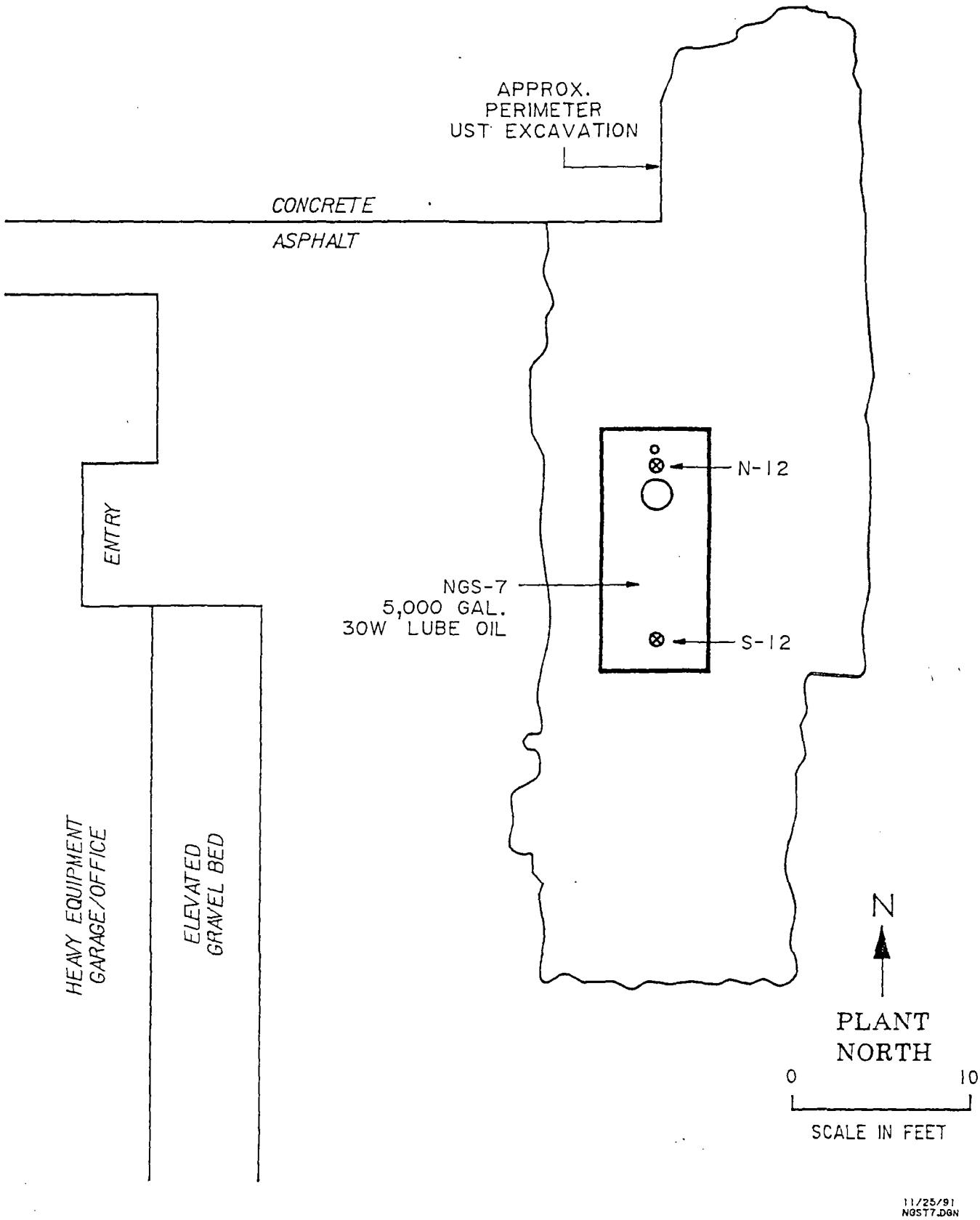
Soil samples collected from immediately beneath the tank indicate levels of petroleum contamination ranging from 20,000 to 31,000 mg/kg TPHC.

The tank was tested tight on June 21, 1988. No visible sign of failure was observed upon tank removal. Based on the available information, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been verified. Due to the number of lubricating oil tanks located in the same excavation, it is possible that the positive detection of petroleum hydrocarbons beneath the tank originated from spills from an adjacent tank.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the north and south ends of the former tank location. Soil samples would be submitted for analysis by EPA Method 418.1.

FIGURE 9
NGS-7



Received: 09/24/91 10/04/91 14:06:41

REPORT TO: SALT RIVER PROJECT / HILDA MARCHETTI / SRP

PREPARED BY:

CERTIFIED BY: E. H.

ATTEN:

ATTEN:
PHONE:

CONTACT MURPHY

CLIENT: SPECIALS SAMPLES 13
COMPANY: SRP
FACILITY:

WORK ID: NGS UST CLOSURE
TAKEN: DENNIS SHIRLEY
TRANS: N90-45731-02
TYPE: 71300
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	3010/8020

SAMPLE ID NGS-7 NORTH SAMPLE # 05 FRACTIONS: A
Date & Time Collected 09/23/91 14:45:00 Category

TPHC 31000
MG/KG

SAMPLE ID NGS-7 SOUTH SAMPLE # 06 FRACTIONS: A
Date & Time Collected 09/23/91 14:37:00 Category

TPHC 20000
MG/KG

SAMPLE ID NGS-8 EAST SAMPLE # 07 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC 20000
MG/KG

SAMPLE ID NGS-8 WEST SAMPLE # 08 FRACTIONS: A
Date & Time Collected 09/23/91 14:31:00 Category

TPHC 23000
MG/KG

SAMPLE ID NGS-9 EAST SAMPLE # 09 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC 47000
MG/KG

SAMPLE ID NGS-9 WEST SAMPLE # 10 FRACTIONS: A
Date & Time Collected 09/23/91 14:25:00 Category

TPHC 25000
MG/KG

SAMPLE ID NGS-5 CENTER (NORTH END) SAMPLE # 11 FRACTIONS: A,B
Date & Time Collected 09/24/91 08:20:00 Category

TPHC 76
MG/KG

SRP

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST Closure

Charge No: N90-48731-02

Project Manager/Contact: Mike Voda

Phone: 3142

Cost Center: 88380

Sampler(s) Signature: [signature]

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW (GPM / CFS)	NO3/N	TEMP °C	EC	pH	TPH (EPA 418.1)	EPA 8015	EPA 8010
NGS-6 South	9/23/91	1508	Soil	91-09-070 01	1						X		
NGS-6 North	"	1459	"	02	1						X		
NGS-5 South (13')	"	1535	"	03	1						X	X	X
NGS-5 South (16')	"	1553	"	04	1						X	X	X
NGS-7 North	"	1445	"	05	1						X		
NGS-7 South	"	1437	"	06	1						X		
NGS-8 East	"	1440	"	07	1						X		
NGS-8 West	"	1431	"	08	1						X		
NGS-9 East	"	1440	"	09	1						X		
NGS-9 West	9/23/91	1425	Soil	10	1						X		

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	7:30	[signature]	9/24/91	1130

Remarks: Expedite EPA 418.1 Analysis. Transported in sealed cooler via [illegible]

OMB NO. 2050-0068 Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses. Comments

_____

_____

_____

_____

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) In the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) In the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) If the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

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2. tanks used for storing heating oil for consumptive use on the premises where stored.
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City Phoenix State AZ ZIP Code 85072

County Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City Page State AZ Zip Code 86040

County Coconino Municipality

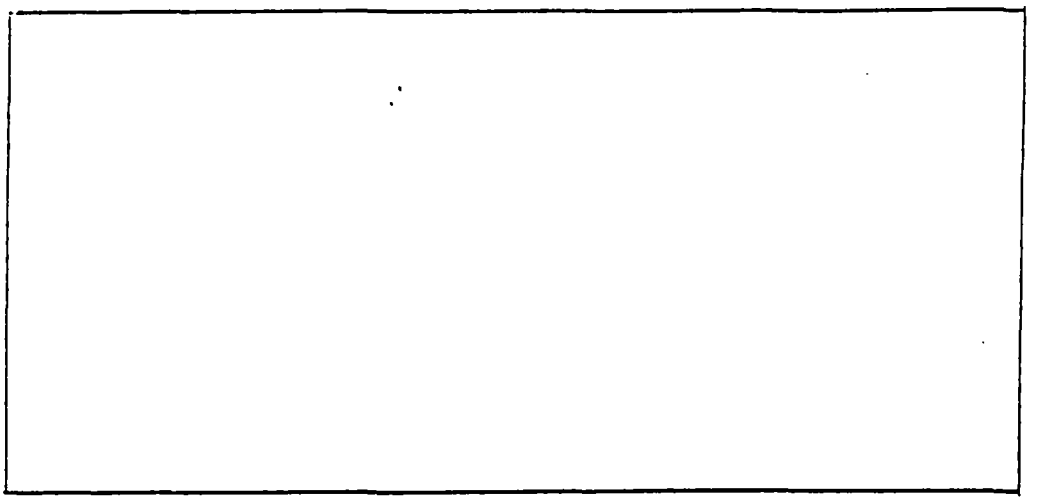
Give the geographic location of tanks if required by State (in degrees, minutes, and seconds. Examples: Lat 42 38 12 N Long 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



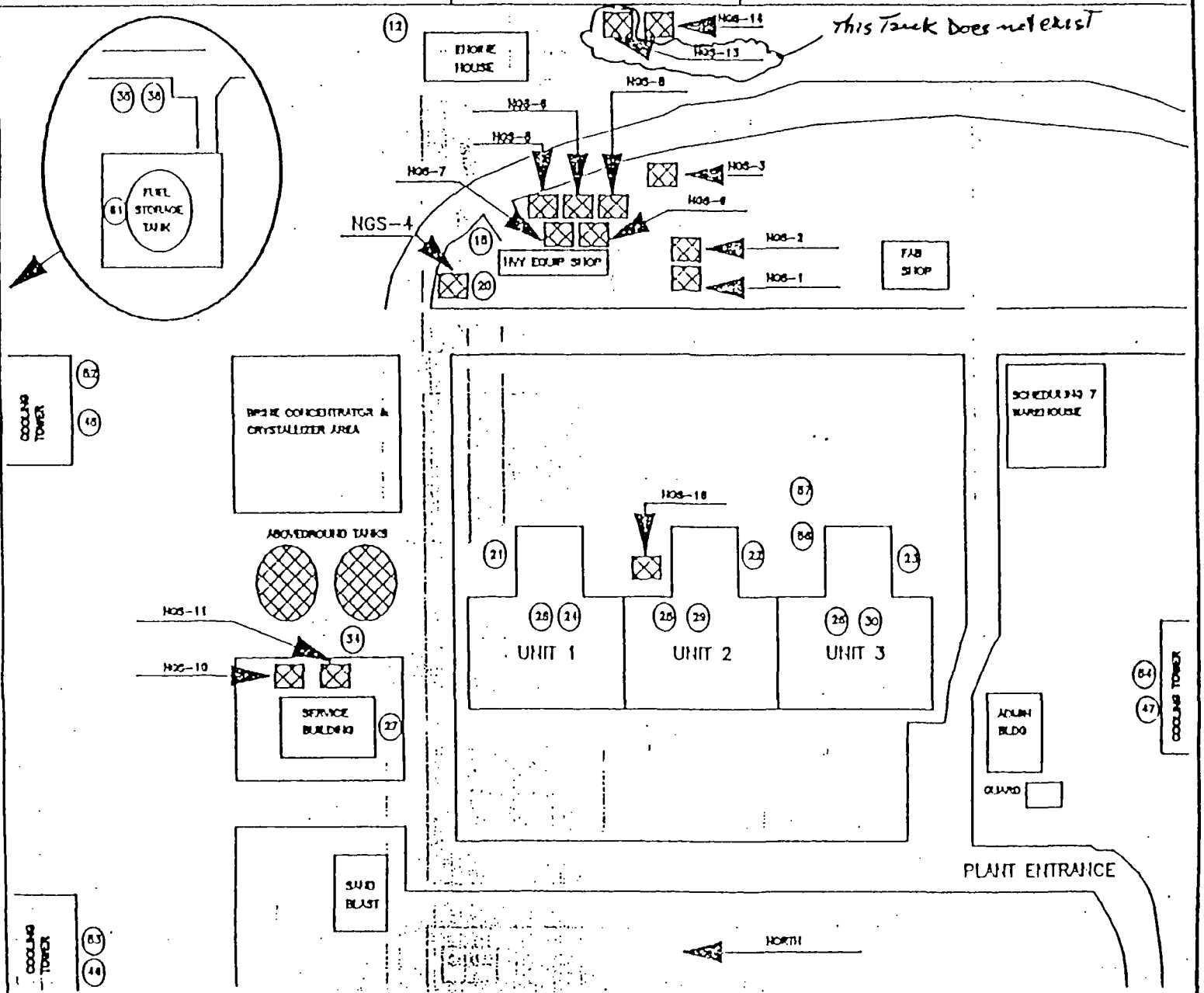
2. Do you have any additional comments? All Tanks (UST) have been removed AT this Facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST–NGS–001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS–1: AUTO FUEL ISLAND 12,000 GAL. UNLD GAS
NGS–2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS–3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS–4: ST CLEAR FUEL TK 8,000 GAL. DIESEL
NGS–5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS–6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS–7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS–8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS–9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(R) NGS–10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(R) NGS–11: SERV BLDG 1,000 GAL. WASTE OIL
NGS–12: ETHORNE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS–14: FUEL ISLD AT RR 280,000 GAL. DIESEL
NGS–15: OIL/WATER SEP
NGS–16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS–20: CAR WASH SUMP
NGS–21: OILY WASTE SEP
NGS–22: OILY WASTE SEP
NGS–23: OILY WASTE SEP
NGS–24: COND PIT SUMP
NGS–25: COND PIT SUMP
NGS–26: COND PIT SUMP
NGS–27: SERV BLDG SUMP
NGS–28: REDEN SUMP
NGS–29: REDEN SUMP
NGS–30: REDEN SUMP
NGS–33: #1 BC SUMP
NGS–34: BRINE PIT
NGS–36: FUEL UNLDG PIPING SUMP
NGS–38: FUEL UNLDG SUB SUMP
NGS–37: FUEL UNLDG TK CONTAINMENT
NGS–45: CT CIRC PUMP SUMP
NGS–46: CT CIRC PUMP SUMP
NGS–47: CT CIRC PUMP SUMP
NGS–52: CT ACID TK SUMP
NGS–63: CT ACID TK SUMP
NGS–64: CT ACID TK SUMP
NGS–66: ACID TRENCH SUMP
NGS–67: ACID STORAGE SUMP
NGS–80: LAKE PUMP OIL SEP
NGS–81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA

PAGE NO. 20

III. TYPE OF OWNER	IV. INDIAN LANDS
☐ Federal Gov't. ☐ Commercial ☐ State Government ☐ Private ☒ Local Government	Tanks are located on land within an Indian Reservation or on other trust lands. ☒ Tanks are owned by native American nation, tribe, or individual ☐ Tribe or Nation: Navajo

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__X__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1971
3. Estimated Total Capacity (gallons)	5,000	5,000	2,000	2,000	1,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	x	x	x	x	
Suction: valve at tank					x
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					X
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, Please Specify	Motor oil	Hydraulic Oil	Trans. Fluid	AntiFreeze	
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	9/22/91	9/22/91	9/22/91	9/22/91	01/01/77
B. Estimate date tank closed (mo./day/year)	9/23/91	9/23/91	9/23/91	9/23/91	01/01/77
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	In Progress	In Progress	In Progress	In Progress	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection	NGS6	NGS7	NGS8	NGS9	NGS10
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Guy Leary (Name) — [signature] (Signature) — 11/22/91 (Date)

MANAGER – TANKS + HVAC DESIGN SERVICES (Position) — SALT RIVER PROJECT (Company)

* For Up Grade only

Tank Release Report

Facility Name:	Navajo Generating Station
Date:	November 22, 1991
Location:	Page, Arizona
Tank Designation:	NGS-8
Contents and Capacity:	2,000 gallon 30W lubricating oil
Nature of Release:	Spillage and overfills.
Regulated Substance Released:	Lubricating oil.
Quantity of Release:	Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 23, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank at an approximate depth of 10 to 11 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1.

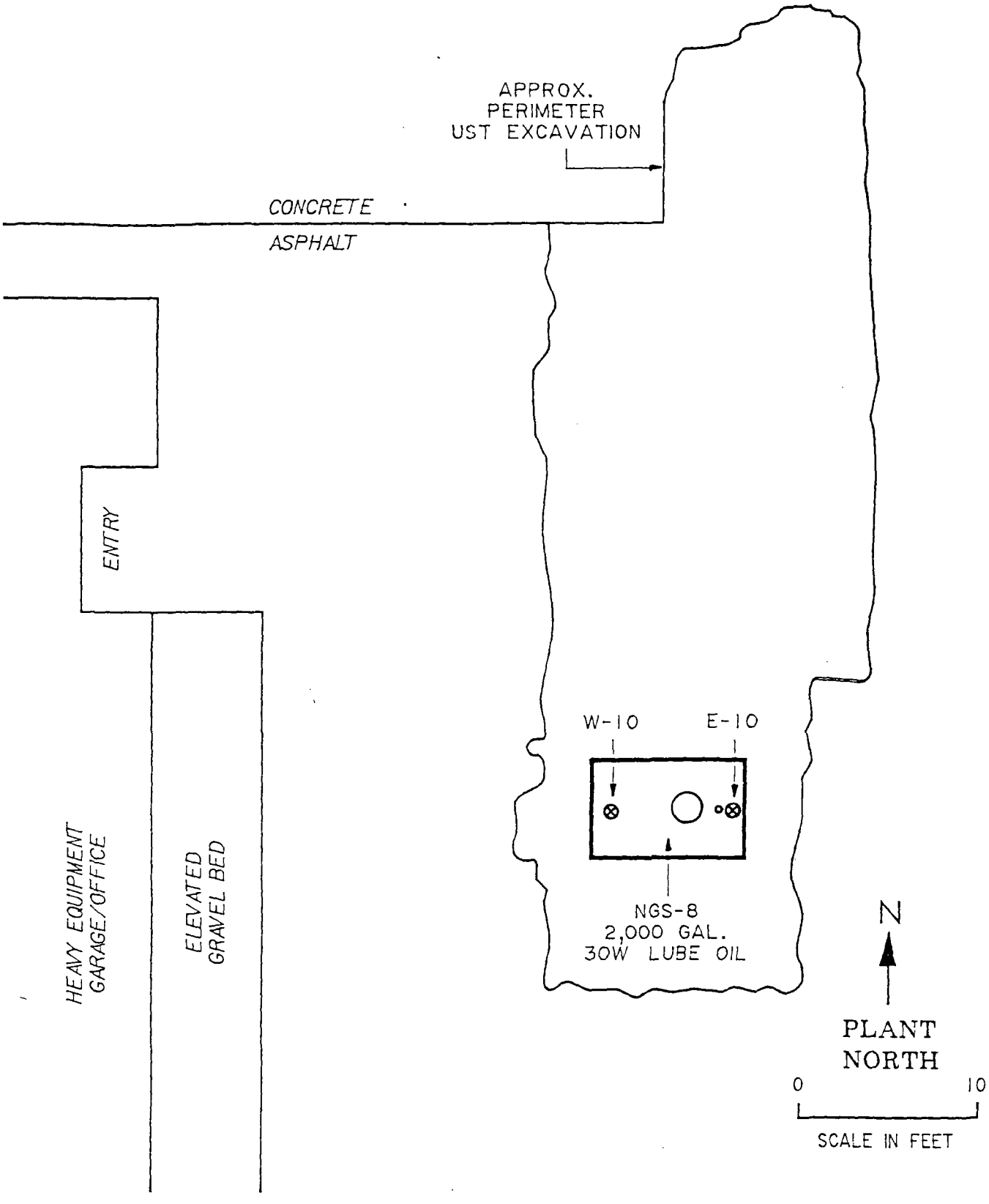
Soil samples collected from immediately beneath the tank detected levels of petroleum contamination ranging from 20,000 to 23,000 mg/kg TPHC.

The tank was tested tight on May 25, 1988. No visible signs of tank failure were observed upon tank removal. Based on these observations and the soil sampling results, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been verified. Due to the number of lubricating oil tanks located in the same excavation, it is possible that the positive detection of petroleum hydrocarbons beneath the tank originated from spills from an adjacent tank.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the north and south ends of the former tank location. Soil samples would be submitted for analysis by EPA Method 418.1.

FIGURE 10
NGS-8



Received: 09/24/91 10/04/91 14:06:41

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY

E. H.
CERTIFIED BY

ATTEN

ATTEN
PHONE

CONTACT MURPHY

CLIENT SPECIALS SAMPLES 13
COMPANY SRP
FACILITY

WORK ID NGS UST CLOSURE
TAKEN DENNIS SHIRLEY
TRANS N90-49721-02
TYPE
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	3010/8020

SAMPLE ID NGS-7 NORTH SAMPLE # 05 FRACTIONS: A
Date & Time Collected 09/23/91 14:45:00 Category

TPHC	31000	MG/KG

SAMPLE ID NGS-7 SOUTH SAMPLE # 06 FRACTIONS: A
Date & Time Collected 09/23/91 14:37:00 Category

TPHC	20000	MG/KG

SAMPLE ID NGS-8 EAST SAMPLE # 07 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC	20000	MG/KG

SAMPLE ID NGS-8 WEST SAMPLE # 08 FRACTIONS: A
Date & Time Collected 09/23/91 14:31:00 Category

TPHC	23000	MG/KG

SAMPLE ID NGS-9 EAST SAMPLE # 09 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC	47000	MG/KG

SAMPLE ID NGS-9 WEST SAMPLE # 10 FRACTIONS: A
Date & Time Collected 09/23/91 14:25:00 Category

TPHC	25000	MG/KG

SAMPLE ID NGS-5 CENTER (NORTH END) SAMPLE # 11 FRACTIONS: A,B
Date & Time Collected 09/24/91 08:20:00 Category

TPHC	76	MG/KG

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST Closure
Charge No: N90-48731-02
Project Manager/Contact: MIKE VODA
Phone: 3142
Cost Center: 88380
Sampler(s) Signature: [signature]

FIELD DATA: FLOW (GPM ____, CFS ____), NO3/N, TEMP °C, EC, pH

ANALYSIS: TPH (EPA 418.1), EPA 8015, EPA 8010

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW	NO3/N	TEMP	EC	pH	TPH (EPA 418.1)	EPA 8015	EPA 8010
NGS-6 SOUTH	9/23/91	1508	SOIL	91-09-070 01	1						X		
NGS-6 NORTH	"	1459	"	02	1						X		
NGS-5 SOUTH (13')	"	1535	"	03	1						X	X	X
NGS-5 SOUTH (16')	"	1553	"	04	1						X	X	X
NGS-7 NORTH	"	1445	"	05	1						X		
NGS-7 SOUTH	"	1437	"	06	1						X		
NGS-8 EAST	"	1440	"	07	1						X		
NGS-8 WEST	"	1431	"	08	1						X		
NGS-9 EAST	"	1440	"	09	1						X		
NGS-9 WEST	9/23/91	1425	SOIL	10	1						X		

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	7:30	Elaine Heckman	9/24/91	1:30
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks: Expedite EPA 418.1 Analysis
transported in sealed cooler via [illegible]

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses, Comments

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) *in the case of an underground storage tank in use on* November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing *motor fuel for noncommercial purposes;*
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. *pipeline facilities (including gathering lines) regulated under the Natural Gas* Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
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8. *liquid traps or associated gathering lines directly related to oil or gas* production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with *the exception of those substances regulated as hazardous waste under* Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State *requires notification of any amendments to facility send information to State agency* immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City Phoenix State AZ ZIP Code 85072

County Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City Page State AZ Zip code 86040

County Coconino Municipality

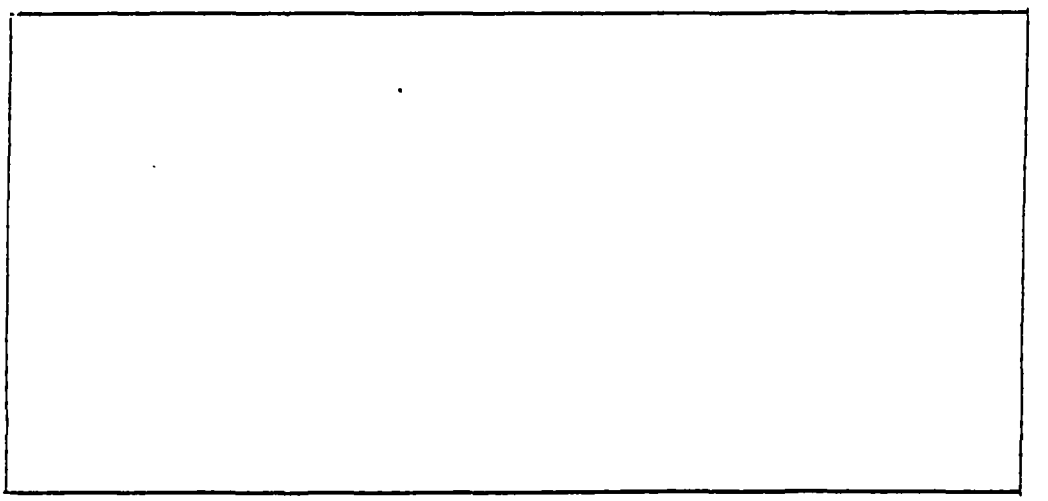
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: Lat: 42 36 12 N Long 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



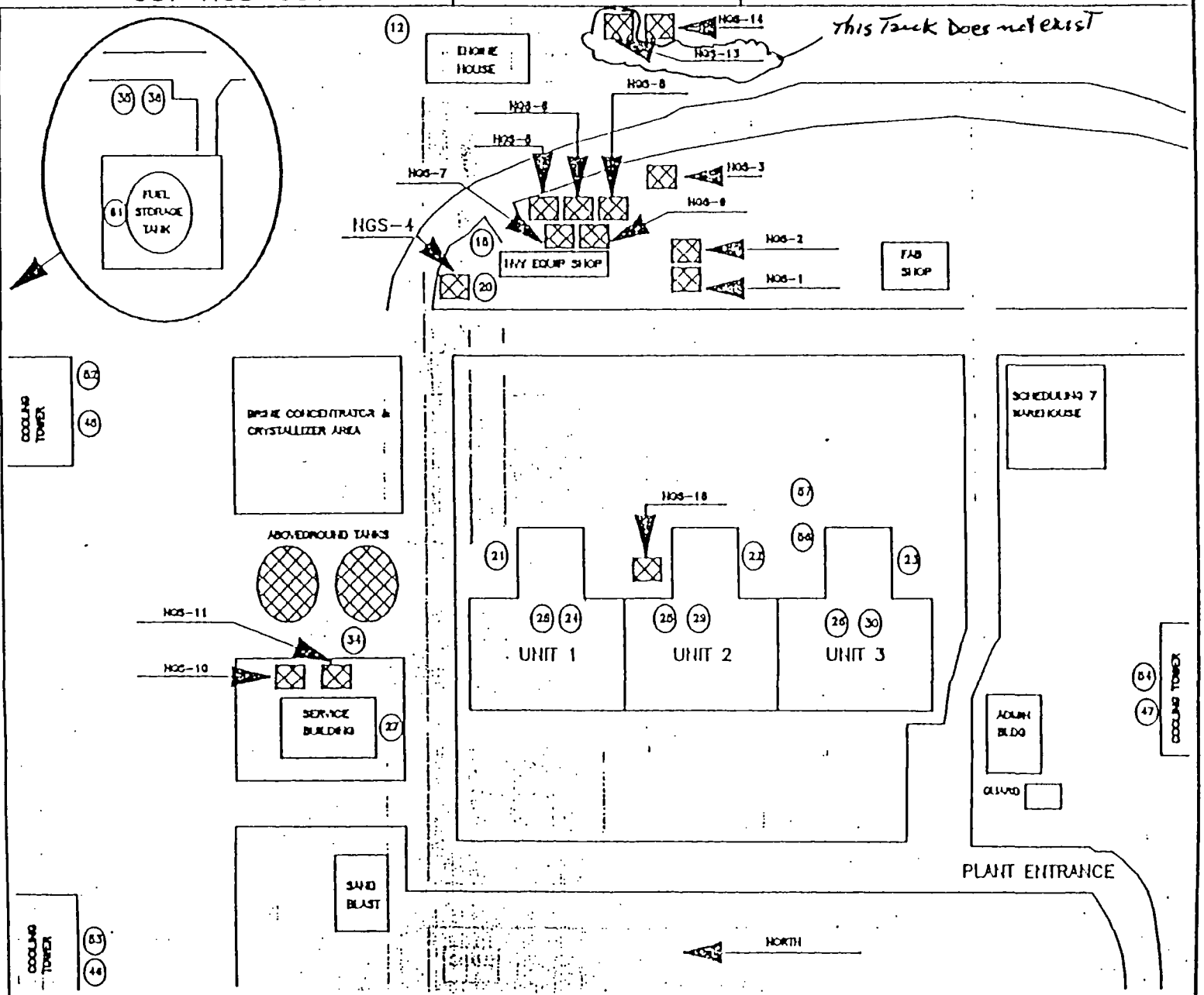
2. Do you have any additional comments? All Tanks (UST) have been removed AT This Facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(X) = REMOVED OR ABANDONED

- NGS-1: AUTO FUEL ISLAND 12,000 GAL, UNLD GAS
- NGS-2: AUTO FUEL ISLAND 12,000 GAL, DIESEL
- NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
- NGS-4: ST CLNR FUEL TK 8,000 GAL, DIESEL
- NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
- NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
- NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
- NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
- NGS-9: HVY EQUIP SHOP 2,000 GAL, ANTI-FREEZE
- (X) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
- (X) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
- NGS-12: ENGINE HOUSE OIL INTERCEPT TK
- [redacted]
- (X) NGS-14: FUEL ISLD AT RR 280,000 GAL, DIESEL
- NGS-15: OIL/WATER SEP
- NGS-16: EMERG GEN TNK 2,000 GAL, DIESEL
- NGS-20: CAR WASH SUMP
- NGS-21: OILY WASTE SEP
- NGS-22: OILY WASTE SEP
- NGS-23: OILY WASTE SEP
- NGS-24: COND PIT SUMP
- NGS-25: COND PIT SUMP
- NGS-26: COND PIT SUMP
- NGS-27: SERV BLDG SUMP
- NGS-28: REDEN SUMP
- NGS-29: REDEN SUMP
- NGS-30: REDEN SUMP
- NGS-33: #1 BC SUMP
- NGS-34: BRINE PIT
- NGS-36: FUEL UNLDG & PIPING SUMP
- NGS-36: FUEL UNLDG SLAB SUMP
- NGS-37: FUEL UNLDG TK CONTAINMENT
- NGS-45: CT CIRC PUMP SUMP
- NGS-46: CT CIRC PUMP SUMP
- NGS-47: CT CIRC PUMP SUMP
- NGS-52: CT ACID TK SUMP
- NGS-53: CT ACID TK SUMP
- NGS-54: CT ACID TK SUMP
- NGS-56: ACID TRENCH SUMP
- NGS-57: ACID STORAGE SUMP
- NGS-60: LAKE PUMP OIL SEP
- NGS-61: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__x__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1971
3. Estimated Total Capacity (gallons)	5,000	5,000	2,000	2,000	1,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	x	x	x	x	
Suction: valve at tank					x
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No NGS6	Tank No NGS7	Tank No NGS8	Tank No NGS9	Tank No NGS10
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					X
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, Please Specify	Motor oil	Hydraulic Oil	Trans. Fluid	AntiFreeze	
Hazardous Substance					
CERCLA name and/or,					
CAS number					
Mixture of Substances					
Please Specify					
X. TANKS OUT OF USE, OR CHANGE IN SERVICE					
1. Closing of Tank					
A. Estimated date last used (mo./day/year)	9/22/91	9/22/91	9/22/91	9/22/91	01/01/77
B. Estimate date tank closed (mo./day/year)	9/23/91	9/23/91	9/23/91	9/23/91	01/01/77
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	In Progress	In Progress	In Progress	In Progress	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Tony Leary (Name) — Tony Leary (Signature) — 11/24/91 (Date)

MANAGER - TANKS & HVAC DESIGN SERVICES (Position) — SAVE RIVER PROJECT (Company)

* For UP Grade only

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-9

Contents and Capacity: 2,000 gallon anti-freeze

Nature of Release: Spills and overfills.

Regulated Substance Released: Unknown.

Quantity of Release: Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 23, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the east and west ends of the tank at an approximate depth of 10 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1.

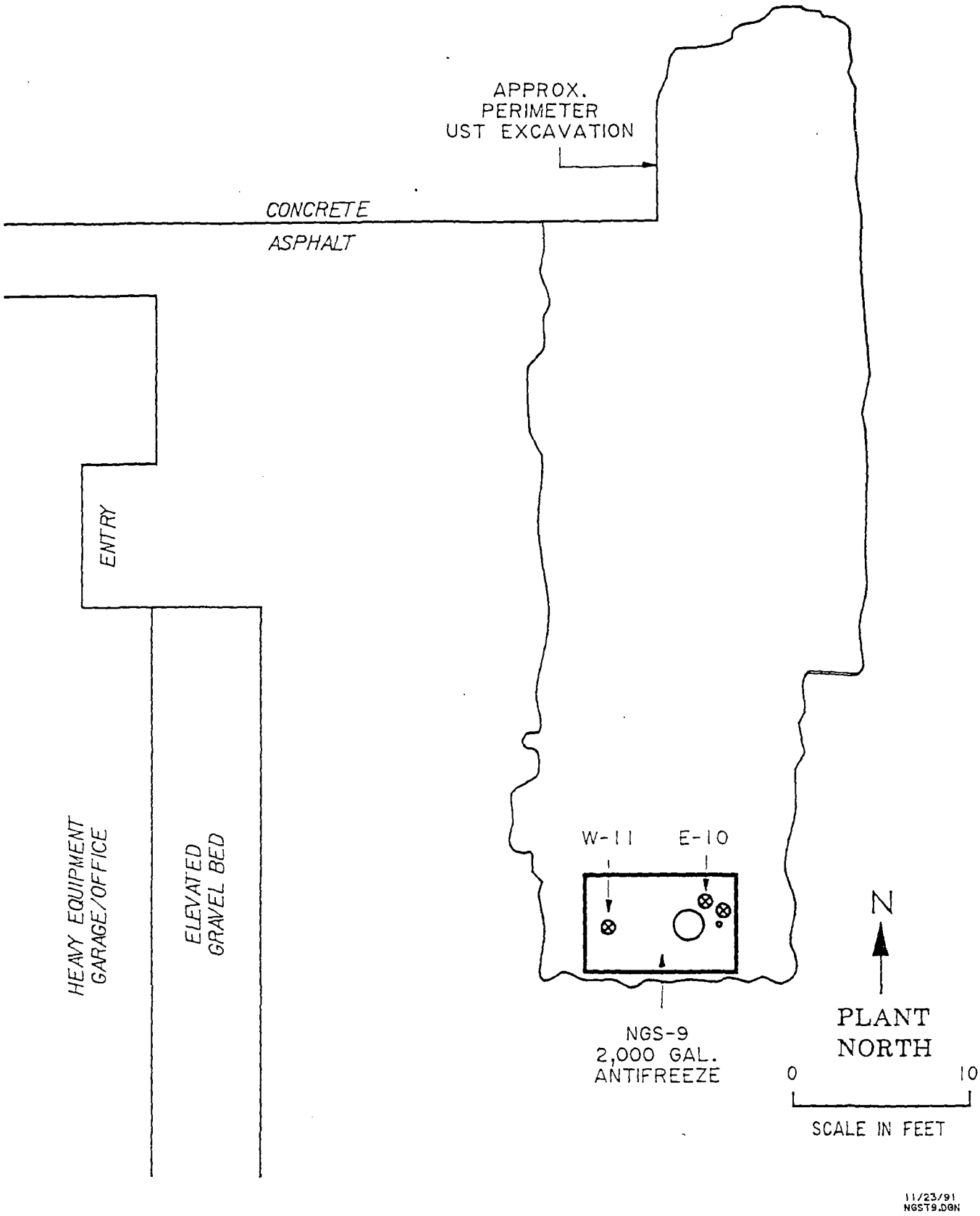
Soil samples collected from immediately beneath the tank detected levels of petroleum contamination ranging from 25,000 to 47,000 mg/kg TPHC.

The tank and line was tested tight on January 22, 1991. No visible signs of tank failure were observed upon tank removal. Based on these observations and the soil sampling results, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been verified. Due to the number of lubricating oil tanks located in the same excavation, it is possible that the positive detection of petroleum hydrocarbons beneath the tank originated from spills from an adjacent tank.

Action Anticipated:

A follow-up investigation, to define the vertical extent of contamination, is recommended. A soil boring would be advanced to collect subsurface soil samples from beneath the east and west ends of the former tank location. Soil samples would be submitted for analysis by EPA Method 418.1.

FIGURE 11
NGS-9



Received: 09/24/91 10/04/91 14:06:41

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

E. H.
CERTIFIED BY

ATTEN:

ATTEN:
PHONE:

CONTACT MURPHY

CLIENT SPECIALS SAMPLES 13
COMPANY SRP
FACILITY

WORK ID NGS UST CLOSURE
TAKEN DENNIS SHIRLEY
TRANS N90-4977-02
TYPE 71300
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	8010/8020

SAMPLE ID NGS-7 NORTH SAMPLE # 05 FRACTIONS: A
Date & Time Collected 09/23/91 14:45:00 Category

TPHC 31000
MG/KG

SAMPLE ID NGS-7 SOUTH SAMPLE # 06 FRACTIONS: A
Date & Time Collected 09/23/91 14:37:00 Category

TPHC 20000
MG/KG

SAMPLE ID NGS-8 EAST SAMPLE # 07 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC 20000
MG/KG

SAMPLE ID NGS-8 WEST SAMPLE # 08 FRACTIONS: A
Date & Time Collected 09/23/91 14:31:00 Category

TPHC 23000
MG/KG

SAMPLE ID NGS-9 EAST SAMPLE # 09 FRACTIONS: A
Date & Time Collected 09/23/91 14:40:00 Category

TPHC 47000
MG/KG

SAMPLE ID NGS-9 WEST SAMPLE # 10 FRACTIONS: A
Date & Time Collected 09/23/91 14:25:00 Category

TPHC 25000
MG/KG

SAMPLE ID NGS-5 CENTER (NORTH END) SAMPLE # 11 FRACTIONS: A,B
Date & Time Collected 09/24/91 08:20:00 Category

TPHC 76
MG/KG

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST Closure
Charge No: N90-48731-02
Project Manager/Contact: Mike Voda
Phone: 3142
Cost Center: 88380
Sampler(s) Signature: [signature]

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM / CFS)	NO3/N	TEMP °C	EC	pH	ANALYSIS: TPH (EPA 418.1)	EPA 8015	EPA 8010					
NGS-6 South	9/23/91	1508	Soil	91-09-070 01	1						X							
NGS-6 North	"	1459	"	02	1						X							
NGS-5 South (13')	"	1535	"	03	1						X	X	X					
NGS-5 South (16')	"	1553	"	04	1						X	X	X					
NGS-7 North	"	1445	"	05	1						X							
NGS-7 South	"	1437	"	06	1						X							
NGS-8 East	"	1440	"	07	1						X							
NGS-8 West	"	1431	"	08	1						X							
NGS-9 East	"	1446	"	09	1						X							
NGS-9 West	9/23/91	1425	Soil	10	1						X							

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	7:30	Elaine Heckman	9/24/91	1130

Remarks: Expedite EPA 418.1 Analysis. Transported in sealed cooler via [illegible]

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses, Comments

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity):
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (include Area Code):
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable:
Navajo Generating Station

Street Address (P.O. Box not acceptable):
5 miles East of Page, AZ

City: Page State: AZ ZIP Code: 86040

County: Coconino Municipality:

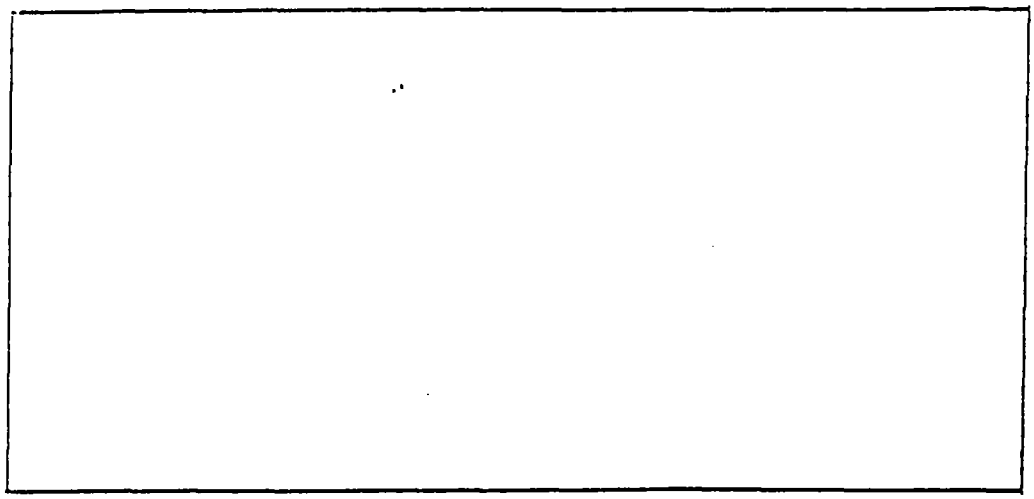
Give the geographic location of tanks if required by State (in degrees, minutes, and seconds. Examples: Lat. 42° 35' 12" N, Long. 85° 24' 17" W): 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NGS-13 was reported but did not exist – NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST–NGS–001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS–1: AUTO FUEL ISLAND 12,000 GAL. LEAD GAS
NGS–2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS–3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS–4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS–5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS–6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS–7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS–8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS–9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(R) NGS–10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(R) NGS–11: SERV BLDG 1,000 GAL. WASTE OIL
NGS–12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS–14: FUEL ISLD AT RR 280,000 GAL. DIESEL
NGS–15: OIL/WATER SEP
NGS–16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS–20: CAR WASH SUMP
NGS–21: OILY WASTE SEP
NGS–22: OILY WASTE SEP
NGS–23: OILY WASTE SEP
NGS–24: COND PIT SUMP
NGS–25: COND PIT SUMP
NGS–26: COND PIT SUMP
NGS–27: SERV BLDG SUMP
NGS–28: REDEN SUMP
NGS–29: REDEN SUMP
NGS–30: REDEN SUMP
NGS–33: #1 BC SUMP
NGS–34: BRINE PIT
NGS–36: FUEL UNLDG ISLD PIPING SUMP
NGS–38: FUEL UNLDG SLAB SUMP
NGS–37: FUEL UNLDG TK CONTAINMENT
NGS–45: CT CIRC PUMP SUMP
NGS–46: CT CIRC PUMP SUMP
NGS–47: CT CIRC PUMP SUMP
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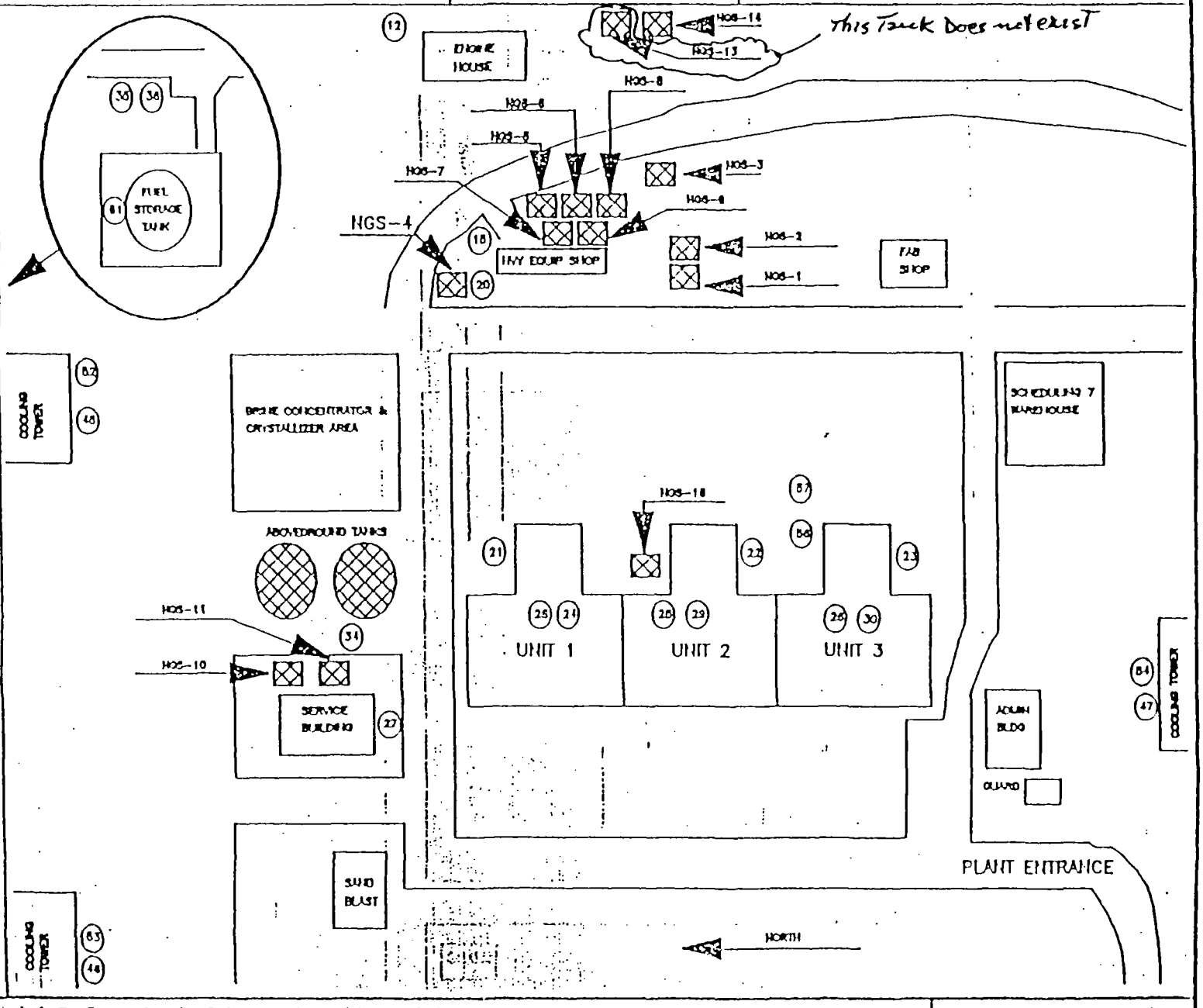
NGS–60: LAKE PUMP OIL SEP
NGS–61: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__x__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1971
3. Estimated Total Capacity (gallons)	5,000	5,000	2,000	2,000	1,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	x	x	x	x	
Suction: valve at tank					x
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No NGS6	Tank No NGS7	Tank No NGS8	Tank No NGS9	Tank No NGS10
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					X
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, Please Specify	Motor oil	Hydraulic Oil	Trans. Fluid	AntiFreeze	
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	9/22/91	9/22/91	9/22/91	9/22/91	01/01/77
B. Estimate date tank closed (mo./day/year)	9/23/91	9/23/91	9/23/91	9/23/91	01/01/77
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	In Progress	In Progress	In Progress	In Progress	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Tony Leary (Name) — Tony Leary (Signature) — 11/24/91 (Date)

MANAGER — TANKS & HVAC DESIGN SERVICES (Position) — SAVANNAH RIVER PROJECT (Company)

* For UP Grade only

Tank Release Report

Facility Name:	Navajo Generating Station
Date:	November 22, 1991
Location:	Page, Arizona
Tank Designation:	NGS-10
Contents and Capacity:	8,500 gallon unleaded gasoline
Nature of Release:	Unknown.
Regulated Substance Released:	Unknown.
Quantity of Release:	Unknown.

Period of Time Over Which Release Occurred: Unknown.

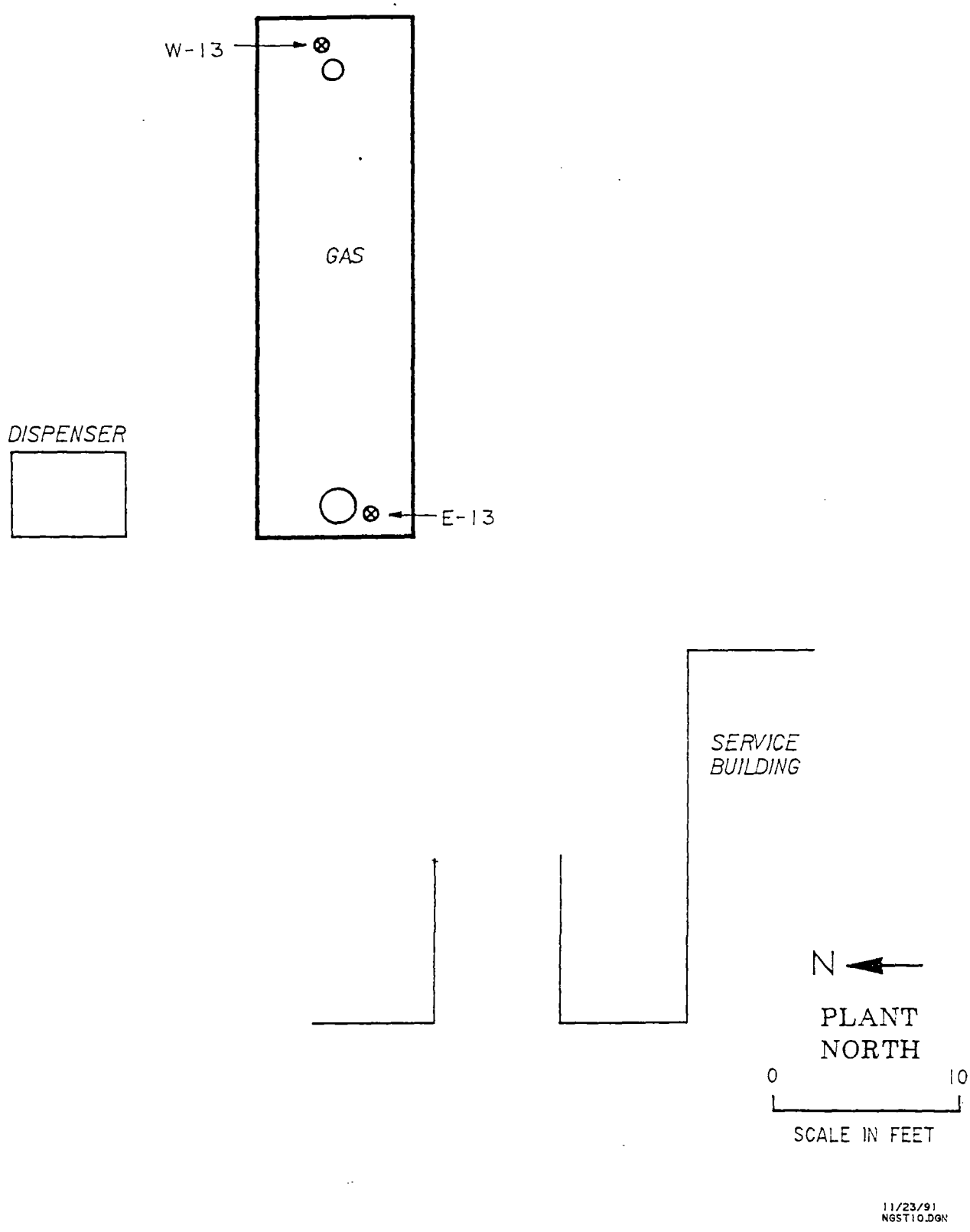
Action Taken (as of Report Date):

Soil samples were collected from beneath the tank during the tank removal program, however, the samples were inadvertently disposed of by the laboratory prior to analysis. No visible signs of tank failure were observed upon tank removal. Results of soil analyses from the same excavation (NGS-11) were all below method detection limits. There were no visual indications of petroleum contaminated soils during the tank excavation and removal. Based on these observations, it is concluded that there has been no release from NGS-10.

Action Anticipated:

It is concluded that there has been no release from NGS-10, however, due to the inadvertent disposal of the soil samples collected during the tank removal it is recommended that a boring be advanced to collect a soil sample from beneath the former tank location for confirmation. The soil sample will be submitted for analysis by EPA Methods 418.1 and 8015M.

FIGURE 12
NGS-10



OMB NO. 2050-0068 Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses, Comments

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip Code: 86040

County: Coconino Municipality:

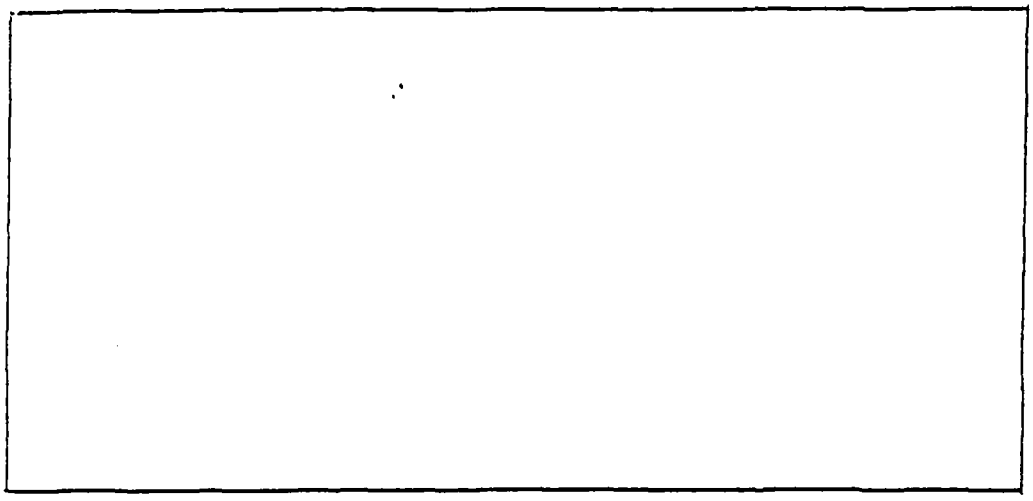
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: Lat: 42 30 12 N Long: 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID#_____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



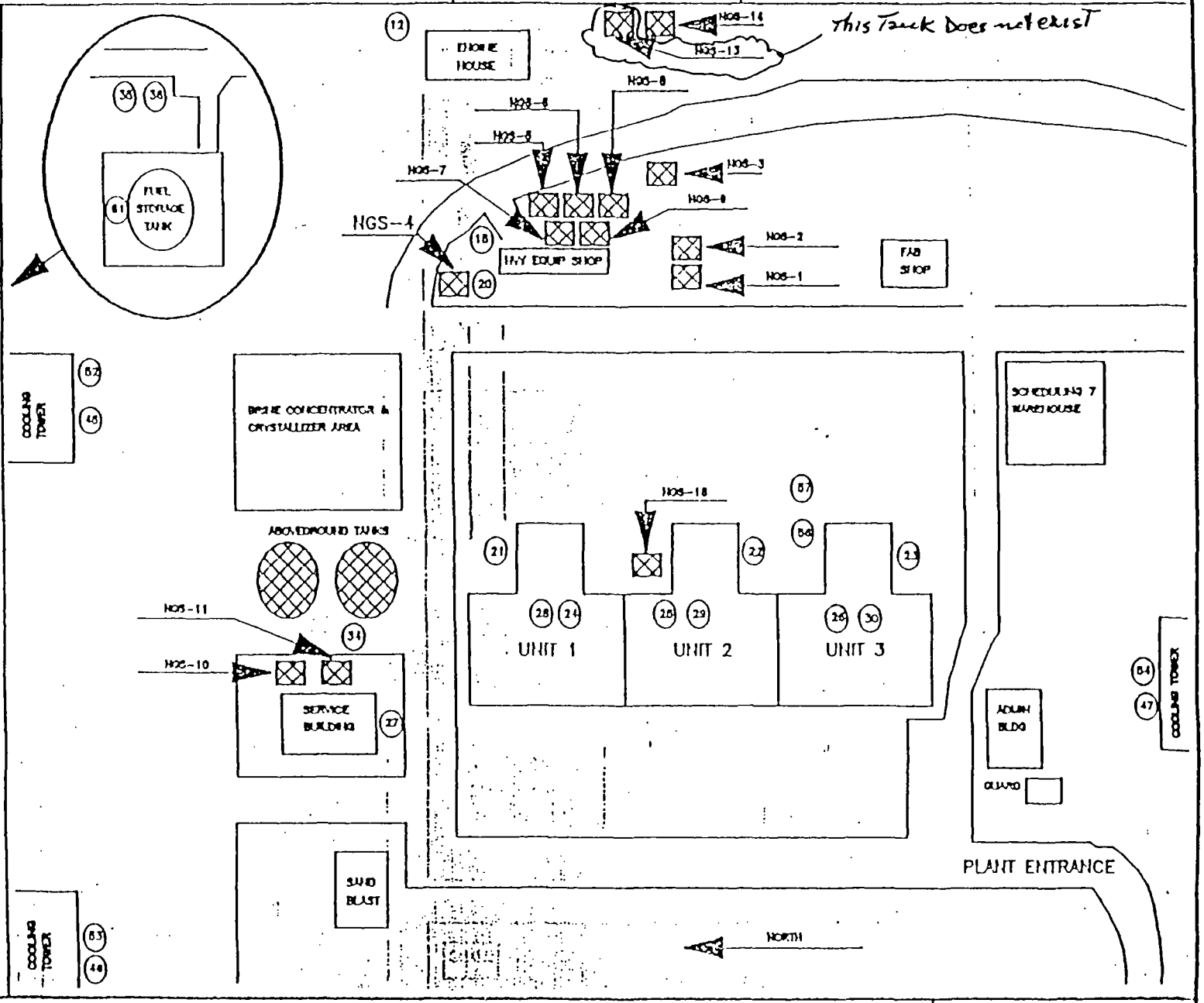
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility – NES-13 was reported but did not exist – NES-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(X) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL. UNLD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL. 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(X) NGS-10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(X) NGS-11: SERV BLDG 1,000 GAL. WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(X) NGS-14: FUEL ISLD AT RR 280,000 GAL. DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL. DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-36: FUEL UNLDG SLAB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-58: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__X__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX)					
Permanently Out of Use (Remember to fill out section IX)	x	x	x	x	x
Amendment of Information					
2. Date of Installation	1978	1978	1978	1978	1971
3. Estimated Total Capacity (gallons)	5,000	5,000	2,000	2,000	1,000
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x	x	x
Cathodiacally Protected Steel	x	x	x	x	x
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No	No	No
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x	x	x
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel	Wrapped steel
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank	x	x	x	x	
Suction: valve at tank					x
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No NGS6	Tank No NGS7	Tank No NGS8	Tank No NGS9	Tank No NGS10
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					X
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Other, Please Specify	Motor oil	Hydraulic Oil	Trans. Fluid	AntiFreeze	
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	9/22/91	9/22/91	9/22/91	9/22/91	01/01/77
B. Estimate date tank closed (mo./day/year)	9/23/91	9/23/91	9/23/91	9/23/91	01/01/77
C. Tank was removed from ground	X	X	X	X	X
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	In Progress	In Progress	In Progress	In Progress	In Progress
Evidence of a leak detected	No	No	No	No	No

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS6	Tank No. NGS7	Tank No. NGS8	Tank No. NGS9	Tank No. NGS10
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X	X	X
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging	X		X		X		X			
B. Tank tightness testing	X		X		X		X			
C. Inventory controls	X		X		X		X			
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.	X		X		X		X			

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Tony Leary (Name) — Tony Leary (Signature) — 11/24/91 (Date)

MANAGER - TANKS + HVAC DESIGN SERVICES (Position) — SAVE RIVER PROJECT (Company)

* For UST Tanks only

NGS – 11

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-11

Contents and Capacity: 2,000 gallon waste oil

Nature of Release: None.

Regulated Substance Released: Not Applicable.

Quantity of Release: Not Applicable.

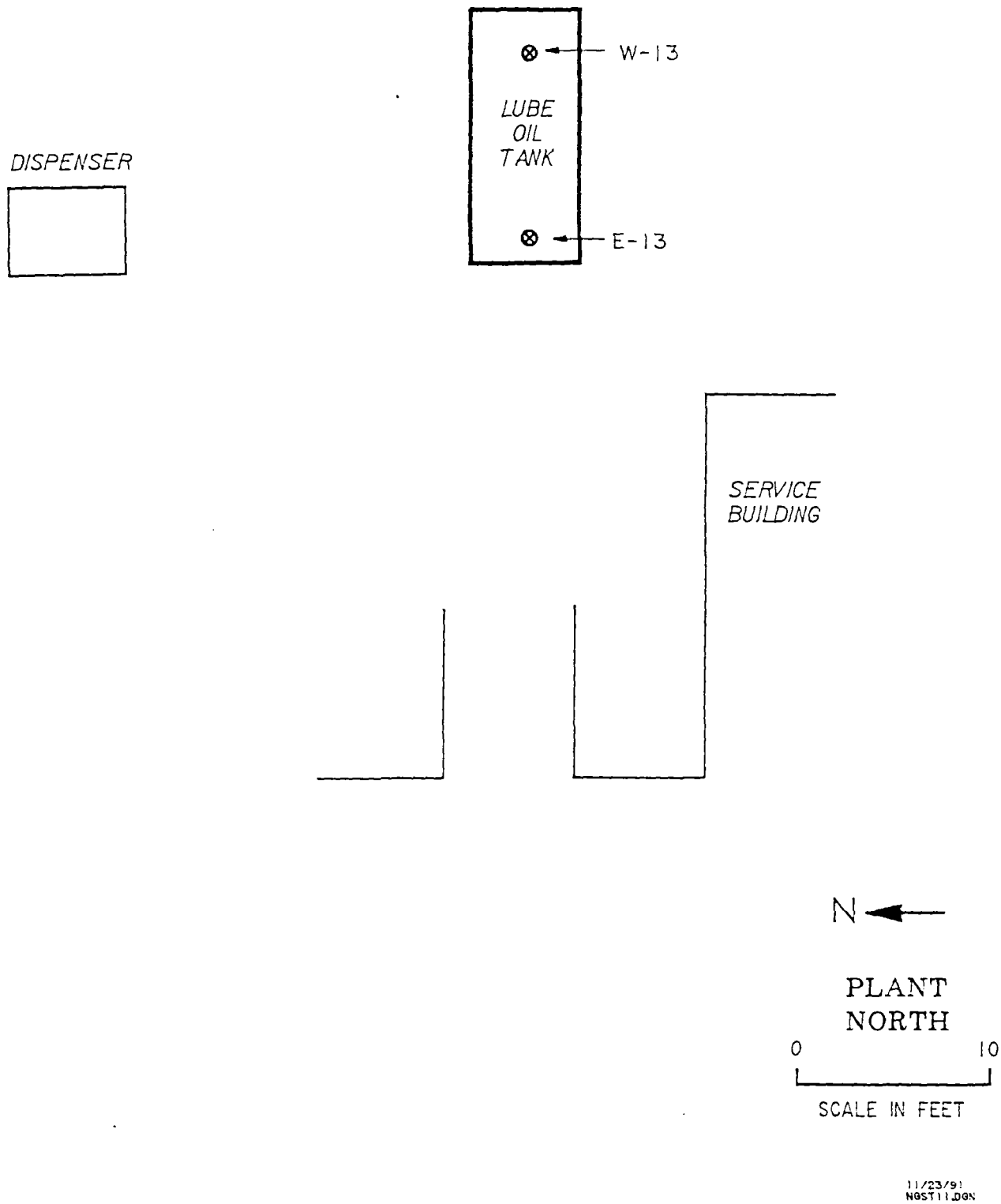
Period of Time Over Which Release Occurred: Not Applicable.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on October 11, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the east and west ends of the tank at an approximate depth of 13 feet below grade. The soil samples were submitted for TPHC analyses by EPA Method 418.1 and for VOC analysis by EPA Method 8010/8020. All results came back below method detection limits indicating there has been no release from the tank.

Action Anticipated: None.

FIGURE 13
NGS-11



Received: 10/16/91 11/01/91 12:51:31

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

E. H.
CERTIFIED BY

ATTEN:

ATTEN:
PHONE:

CONTACT MCKINNEY

CLIENT: SPECIALS SAMPLES: 2
COMPANY: SRP
FACILITY:

WORK ID: NSS UST REMOVALS
TAKEN: EARL BURNETT
TRANS: N90-46731-02
TYPE: 71300
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION		TEST CODES and NAMES used on this workorder	
01	#1 FRM USD OIL TNK EAST EN	TPHC	TOT PETROLEUM HYDORCARBONS
02	#2 FRM USD OIL TNK WEST EN	V062	8010/8020

Received: 10/16/91 Results by Sample

SAMPLE ID #1 FRM USD OIL TNK EAST EN SAMPLE # 01 FRACTIONS: A
Date & Time Collected 10/11/91 12:00:00 Category

TPHC	-15	
	MG/KG	

SAMPLE ID #1 FRM USD OIL TNK EAST EN FRACTION 01A TEST CODE VOA2 NAME 8010/8020
Date & Time Collected 10/11/91 12:00:00 Category

8010/8020 ANALYSIS

Sample Date	10/11/91	Accession Number	911006001
Received Date	10/16/91	Sample Id	#1 FRM USDOILTNK EST
Analysis Date	10/25/91	Units	UG/KG
Matrix	SOIL	Dilution Factor	100
Analyst	E.J.MURPHY	Analyzing Lab	SRP

COMPOUND	DET LIM	RESULT	COMPOUND	DET LIM	RESULT
Dichlorodifluoromethane	-99	-99	Bromodichloromethane	50	-50
chloromethane	-99	-99	2-Chloroethylvinylether	50	-50
Vinyl Chloride	-99	-99	T-1,3-Dichloropropene	50	-50
Bromomethane	-99	-99	Toluene	50	-50
Chloroethane	-99	-99	C-1,3-Dichloropropene	50	-50
Trichlorofluoromethane	50	-50	1,1,2-Trichloroethane	50	-50
1,1-Dichloroethylene	50	-50	Tetrachloroethylene	50	-50
Methylene Chloride	50	-50	Dibromochloromethane	50	-50
T-1,2-Dichloroethylene	50	-50	Chlorobenzene	50	-50
1,1-Dichloroethane	50	-50	Ethyl Benzene	50	-50
Chloroform	50	-50	M/P Xylenes	50	-50
1,1,1-Trichloroethane	50	-50	O Xylene	50	-50
Carbon Tetrachloride	50	-50	Bromoform	50	-50
Benzene	50	-50	1,1,2,2-Tetrachloroethane	50	-50
1,2-Dichloroethane	50	-50	1,3-Dichlorobenzene	50	-50
Trichloroethene	50	-50	1,4-Dichlorobenzene	50	-50
1,2-Dichloropropane	50	-50	1,2-Dichlorobenzene	50	-50

GA\QC Comments

NOTES:

A result preceded by - indicates result is below detection limit
A -99 indicates that the compound was not analyzed

SAMPLE ID #2 FRM USD OIL TNK WEST EN SAMPLE # 02 FRACTIONS: A
Date & Time Collected 10/11/91 12:00:00 Category

TPHC	-15	
	MG/KG	

Received: 10/16/91 Results by Sample

SAMPLE ID #2 FRM USD OIL TNK WEST EN FRACTION 02A TEST CODE VOA2 NAME 8010/8020
Date & Time Collected 10/11/91 12:00:00 Category

8010/8020 ANALYSIS

Sample Date	10/11/91	Accession Number	911006002
Received Date	10/16/91	Sample Id	#2 FRM USDOILTNK WST
Analysis Date	10/25/91	Units	UG/KG
Matrix	SOIL	Dilution Factor	100
Analyst	E.J.MURPHY	Analyzing Lab	SRP

COMPOUND	DET LIM	RESULT	COMPOUND	DET LIM	RESULT
Dichlorodifluoromethane	-99	-99	Bromodichloromethane	50	-50
chloromethane	-99	-99	2-Chloroethylvinylether	50	-50
Vinyl Chloride	-99	-99	T-1,3-Dichloropropene	50	-50
Bromomethane	-99	-99	Toluene	50	-50
Chloroethane	-99	-99	C-1,3-Dichloropropene	50	-50
Trichlorofluoromethane	50	-50	1,1,2-Trichloroethane	50	-50
1,1-Dichloroethylene	50	-50	Tetrachloroethylene	50	-50
Methylene Chloride	50	-50	Dibromochloromethane	50	-50
T-1,2-Dichloroethylene	50	-50	Chlorobenzene	50	-50
1,1-Dichloroethane	50	-50	Ethyl Benzene	50	-50
Chloroform	50	-50	M/P Xylenes	50	-50
1,1,1-Trichloroethane	50	-50	O Xylene	50	-50
Carbon Tetrachloride	50	-50	Bromoform	50	-50
Benzene	50	-50	1,1,2,2-Tetrachloroethane	50	-50
1,2-Dichloroethane	50	-50	1,3-Dichlorobenzene	50	-50
Trichloroethene	50	-50	1,4-Dichlorobenzene	50	-50
1,2-Dichloropropane	50	-50	1,2-Dichlorobenzene	50	-50

QA\QC Comments

NOTES:

A result preceded by - indicates
result is below detection limit
& -99 indicates that the compound
was not analyzed

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page 1 of 1

Project:	Charge No:	No of Containers	FIELD DATA					ANALYSIS								
NGS UST REMOVALS	W10-48731-02		FLOW GPM___ CFS___	NO3 / N	TEMP °C	EC	pH	EPA 8010/820	TPH C	Fingerprint if TPH C > 100 ppm						
Project Manager/Contact: M. VODA	Phone: 5917	Cost Center: 88380														
Sampler(s) Signature: EARL BURNETT																
Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.												
#1 FROM USED OIL TANK	10/11/91	NOON	SOIL	91-10-060 01	1				✓	✓						
EAST END 14' DEEP																
#2 FROM USED OIL TANK	10/11/91	NOON	SOIL	02	1				✓	✓						
WEST END 14' DEEP																

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time	Remarks:
[signature]	10/16/91	920	Elaine Heineman	10/16/91	0930	D/V M. VODA W/ RESULTS.
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time	
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time	

OMB NO 2050-0068; Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses. Comments

_____

_____

_____

_____

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored.
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use. 3. If the State requires notification of any amendments to facility send information to State agency immediately.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

If same as Section I, mark box here ☐

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip code: 86040

County: Coconino Municipality:

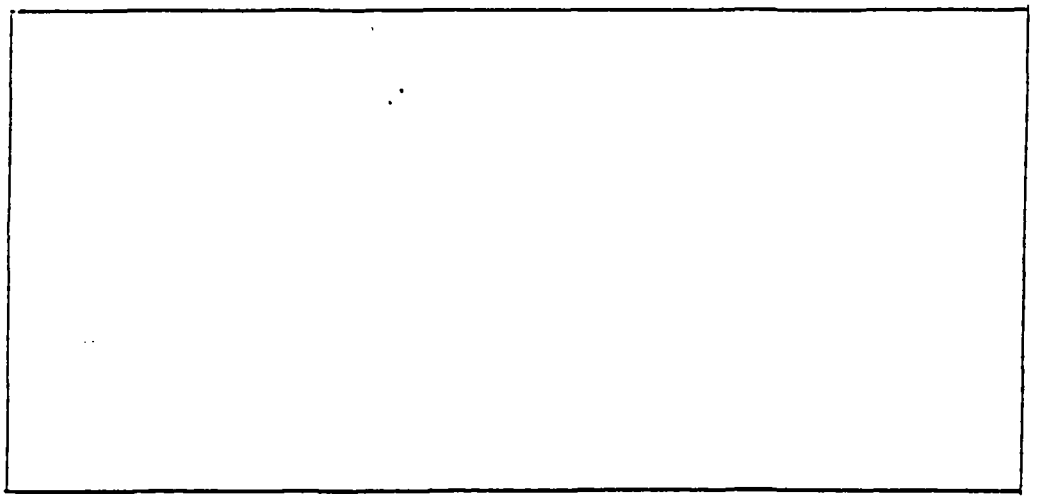
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: 42 36 12 N Long, 85 24 17W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



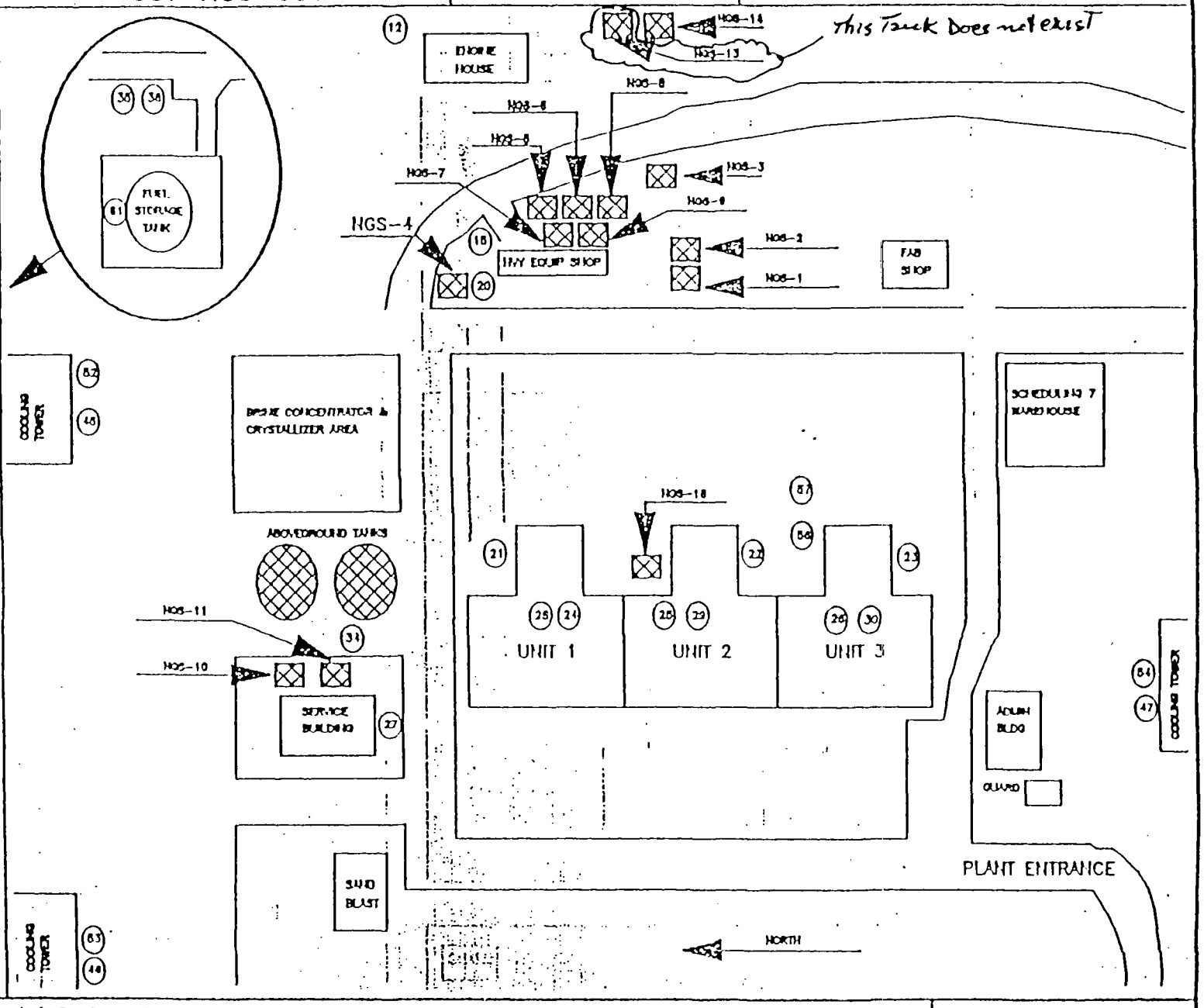
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility - NGS-13 was reported but did not exist - NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL, LEAD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL, DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL, DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL, ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 280,000 GAL, DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TANK 2,000 GAL, DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEH SUMP
NGS-29: REDEH SUMP
NGS-30: REDEH SUMP
NGS-33: #1 BC SUMP
NGS-34: BROME PIT
NGS-36: FUEL UNLOAD PIPING SUMP
NGS-38: FUEL UNLOAD SUMP SUMP
NGS-37: FUEL UNLOAD TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-83: CT ACID TK SUMP
NGS-84: CT ACID TK SUMP
NGS-86: ACID TRENCH SUMP
NGS-87: ACID STORAGE SUMP
NGS-80: LUBE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_X_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER,	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS15	Tank No.	Tank No.
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x		
Amendment of Information					
2. Date of Installation	1971	1972	1978		
3. Estimated Total Capacity (gallons)	2,000	20,000	2,000		
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x		
Cathodiacally Protected Steel	x	x	x		
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No		
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x		
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel		
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank	x	x	x		
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ____	Tank No. ____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					
Diesel		x	x		
Gasohol					
Kerosene					
Heating Oil					
Used Oil	x				
Other, Please Specify					
Hazardous Substance					
CERCLA name and/or,					
CAS number					
Mixture of Substances					
Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	1/1/77	1/1/77	9/16/91		
B. Estimate date tank closed (mo./day/year)	1/1/77	1/1/77	9/16/91		
C. Tank was removed from ground	x	x	x		
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	x	x	In Progress		
Evidence of a leak detected	No	No	No		

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ___	Tank No. ___
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X		
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging					X					
B. Tank tightness testing					X					
C. Inventory controls					X					
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.					X					

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Doug Leary (Name) — Doug Leary (Signature) — 11/22/9 (Date)

MANAGER - TANKS & HVAC DESIGN SERVICES (Position) — SALT RIVER PROJECT (Company)

* For up Grade Only

NGS – 14

Tank Release Report

Facility Name:	Navajo Generating Station
Date:	November 22, 1991
Location:	Page, Arizona
Tank Designation:	NGS-14
Contents and Capacity:	20,000 gallon diesel fuel
Nature of Release:	Spills and overfills.
Regulated Substance Released:	Diesel Fuel.
Quantity of Release:	Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

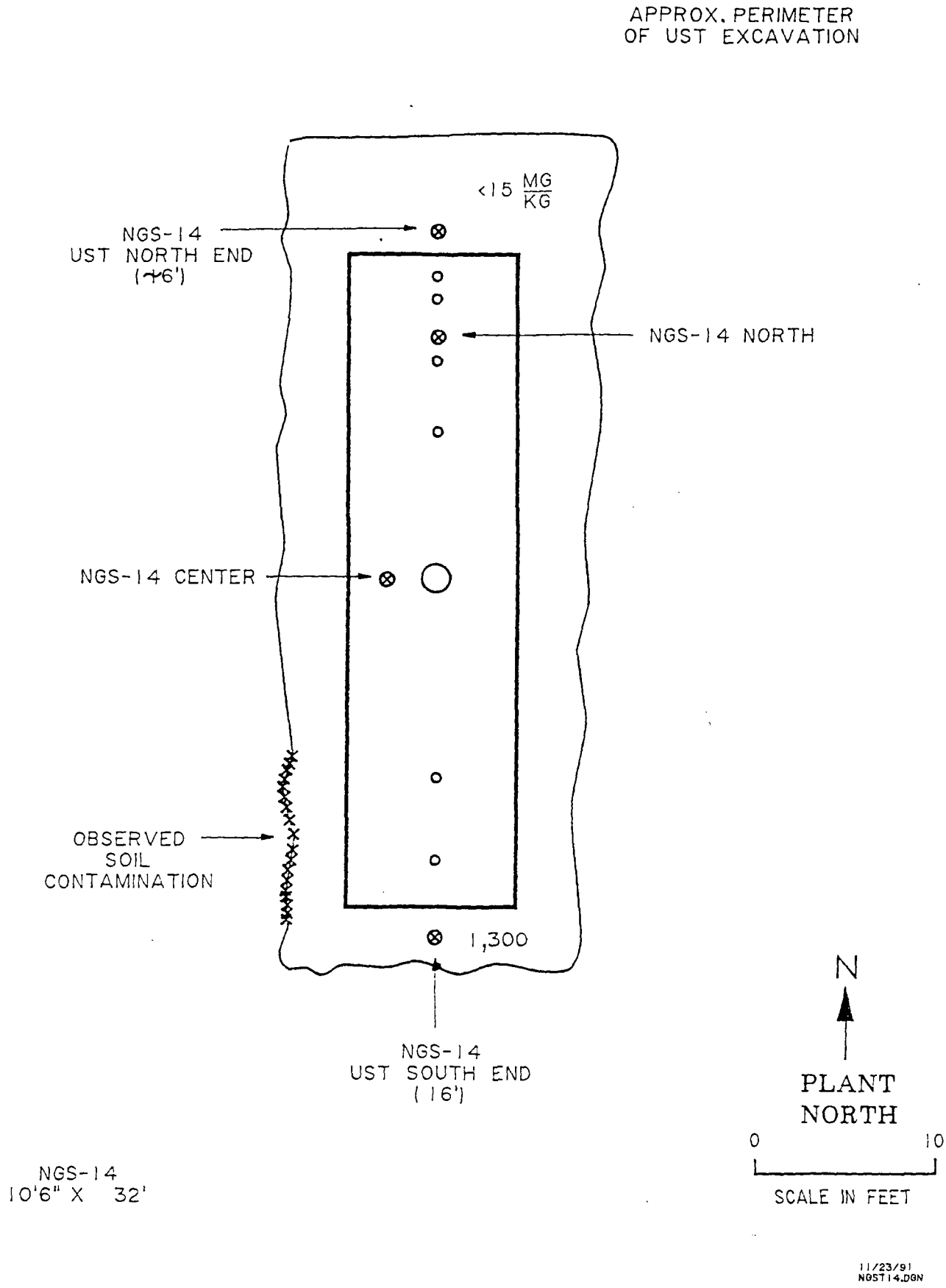
The tank and surrounding soils were excavated and removed on September 24, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the north and south ends of the tank, as well as from beneath the center of the tank, at an approximate depth of 16 to 17 feet below grade. Additional samples were collected from beneath the north and south ends of the tank at approximately 25 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1 and Fuel Fingerprint analyses by EPA Method 8015M.

Soil samples collected from immediately beneath the tank at a depth of 16 to 17 feet below grade detected 1300 mg/kg TPHC beneath the south end of the tank. No significant soil contamination was detected beneath the north or center ends of the tank. Samples collected from beneath the north and south ends of the tank at a depth of 16 feet below grade were inadvertently disposed of by the laboratory prior to fuel fingerprint analysis. No significant contamination was detected in the TPHC or fuel fingerprint analyses from samples collected from 25 feet below grade. The vertical extent of contamination, therefore, has been defined.

No visible signs of tank failure were observed upon tank removal. Based on these observations and the soil sampling results, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has been verified and the contaminated soils removed.

Action Anticipated: None.

FIGURE 14
NGS-14



Received: 09/24/91 10/04/91 14:06:41

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

E. H.
CERTIFIED BY

ATTEN:

ATTEN:
PHONE:

CONTACT MURPHY

CLIENT SPECIALS
COMPANY SRP
FACILITY

SAMPLES 13

WORK ID NGS UST CLOSURE
TAKEN DENNIS SHIRLEY
TRANS N90-48721-02
TYPE 7130
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION

01 NGS-6 SOUTH
02 NGS-6 NORTH
03 NGS-5 SOUTH (13')
04 NGS-5 SOUTH (15')
05 NGS-7 NORTH
06 NGS-7 SOUTH
07 NGS-8 EAST
08 NGS-8 WEST
09 NGS-9 EAST
10 NGS-9 WEST
11 NGS-5 CENTER (NORTH END)
12 NGS-14 UST SOUTH END
13 NGS-14 UST NORTH END

TEST CODES and NAMES used on this workorder

FUELFP	FUEL FINGERPRINT
TPHC	TOT PETROLEUM HYDORCARBONS
VOA2	8010/8020

SAMPLE ID NGS-14 UST SOUTH END SAMPLE # 12 FRACTIONS: A
Date & Time Collected 09/24/91 09:25:00 Category

TPHC	1300	MG/KG

SAMPLE ID NGS-14 UST NORTH END SAMPLE # 13 FRACTIONS: A
Date & Time Collected 09/24/91 10:08:00 Category

TPHC	-15	MG/KG

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST CLOSURE

Charge No:

Project Manager/Contact: MIKE VODA

Phone: 3142

Cost Center:

Sampler(s) Signature: Dennis W. Shuler

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FIELD DATA: FLOW (GPM / CFS), NO3/N, TEMP °C, EC, pH	ANALYSIS: EPA 418.1	EPA 8015	EPA 8010
NGS-5 CENTER(NORTH END)	9/24/91	0820	SOIL	91-09-070 11	1		X	X	X
NGS-14 UST SOUTH END	"	0925	SOIL	12	1		X	X	
NGS-14 UST NORTH END	9/24/91	1008	SOIL	13	1		X	X	

RECEIVED
SEP 24 1991
Laboratory & Field Services
Environmental Services

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Dennis W. Shuler	9/24/91	16:49	Elaine Runnerman	9/24/91	1430
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks:
PLZ EXPEDITE TPH ANALYSIS
Transported in cooler!
Cooling via ice

Received: 09/27/91 10/08/91 08:48:03

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

CERTIFIED BY: E.N.

ATTEN:

ATTEN:
PHONE:

CONTACT: MURPHY

CLIENT: SPECIALS SAMPLES: 3
COMPANY: SRP
FACILITY:

WORK ID: NGS UST REMOVALS
TAKEN: MICHAEL VODA
TRANS: N90-48731-02
TYPE: 71300
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION	TEST CODES and NAMES used on this workorder	
01 NGS-14 N25	FUELFP	FUEL FINGERPRINT
02 NGS-14 S25	TPHC	TOT PETROLEUM HYDORCARBONS
03 NGS-3 E13		

SAMPLE ID NGS-14 N25 SAMPLE # 01 FRACTIONS: A,B
Date & Time Collected 09/26/91 09:00:00 Category

TPHC	56	MG/KG

SAMPLE ID NGS-14 N25 FRACTION OIB TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/26/91 09:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-14 N25
DATE RUN	09/20/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David McKinney

SAMPLE ID NGS-14 S25 SAMPLE # 02 FRACTIONS: A,B
Date & Time Collected 09/26/91 09:00:00 Category

TPHC	64
	MG/KG

Received: 09/27/91 Results by Sample

SAMPLE ID NGS-14 S25 FRACTION 02B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/26/91 09:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-14 S25
DATE RUN	09/20/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David M Kinney

SRP

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page ____ of ____

Project: NGS UST Removals

Charge No: 71300 N90-4873-02

Project Manager/Contact: MICHAEL VODA (MDVODA)

Phone: 3142

Cost Center: 88380

Sampler(s) Signature: [signature]

	Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW GPM / CFS	NO3/N	TEMP °C	EC	pH	TPH	FUEL FINGERPRINT						
1	NGS-14 N25	26SEP91	0900	SAND/CLAY	91-08-089 01	1						✓	✓						
2	NGS-14 S25	〃	0900	〃	02	1						✓	✓						
3	NGS-3 E13	〃	1000	〃	03	1						✓	✓						

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	27SEP	0800	Guy Leary	9/27/91	06:30
Guy Leary	9/27/91	0705	[signature]	9/27/91	0705

Remarks: OASIS results asap

SRP WQ LAB REPORT

Work Order # 91-09-076

Received: 09/25/91

10/04/91 14:13:55

REPORT SALT RIVER PROJECT
TO HILDA MARCHETTI
SRP

PREPARED BY

CERTIFIED BY

ATTEN

ATTEN

PHONE

CONTACT MCKINNEY

CLIENT SPECIALS SAMPLES 2
COMPANY SRP
FACILITY

WORK ID NGS UST CLOSURE
TAKEN DENNIS SHIFLEY
TRANS NAU-ASTRO CO
TYPE DITCH
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION	TEST CODES and NAMES used on this workorder	
01 NGS-14 NORTH	FUELFP	FUEL FINGERPRINT
02 NGS-14 CENTER	TPHC	TOT PETROLEUM HYDROCARBONS

SAMPLE ID NGS-14 NORTH SAMPLE # 01 FRACTIONS: A,B
Date & Time Collected 09/24/91 16:40:00 Category

TPHC -15

Received: 09/25/91 Results by Sample

SAMPLE ID NGS-14 NORTH FRACTION 01B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/24/91 16:40:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-14 NORTH
DATE REC.	09/24/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	50L	PPM
DIESEL	50L	PPM
FUEL OIL	50L	PPM
ENGINE OIL	50L	PPM
HYDRAULIC FLUID OIL	50L	PPM

L=Below Detection Limit

Detection Limit = 100 ppm

Comments:

Signature David M Kinney

SAMPLE ID NGS-14 CENTER SAMPLE # 02 FRACTIONS: A,B
Date & Time Collected 09/24/91 16:40:00 Category

TPHC	-15	
	MG/KG	

SAMPLE ID NGS-14 CENTER FRACTION 02B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/24/91 16:40:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS-14 CENTER
DATE RUN	09/24/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	BDL	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature David McKinney

SRP

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Page ____ of ____

Project: NGS UST CLOSURE				Charge No: N90-48731-C	No of Containers: 2
Project Manager/Contact: MIKE VODA		Phone:		Cost Center: 88380	
Sampler(s) Signature [signature]					

FIELD DATA: FLOW (GPM ____, CFS ____), NO3/N, TEMP °C, EC, pH

ANALYSIS: EPA 418.1, EPA 8015

Sample ID	Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW	NO3/N	TEMP °C	EC	pH	EPA 418.1	EPA 8015						
NGS-14 NORTH	9/24/91	4:30	SOIL	91-09-076 01	1						X	X						
NGS-14 CENTER	9/24/91	4:40	SOIL	02	1						X	X						

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
[signature]	9/24/91	8:03 pm	[signature]	[illegible]	[illegible]
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time
Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time

Remarks:
PLZ EXPEDITE
TPH ANALYSIS

[illegible]

OMB NO 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

INSTRUCTIONS

Please type or print in ink all items except "signature" in section V. This form must be completed for each location containing underground storage tanks. If more than five (5) tanks are owned at this location, photocopy the following sheets, and staple continuation sheets to the form.

STATE USE ONLY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____
B. Data Entry Clerk Initials _____
C. Owner Was Contacted to Clarify Responses, Comments

_____
_____
_____
_____

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1984, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

c) if the State agency so requires, any facility that has undergone any changes to facility information or tank system status.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. Gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded?

Other tanks excluded from notification are:

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3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to under ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Send completed forms to:

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Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ Zip Code: 86040

County: Coconino Municipality:

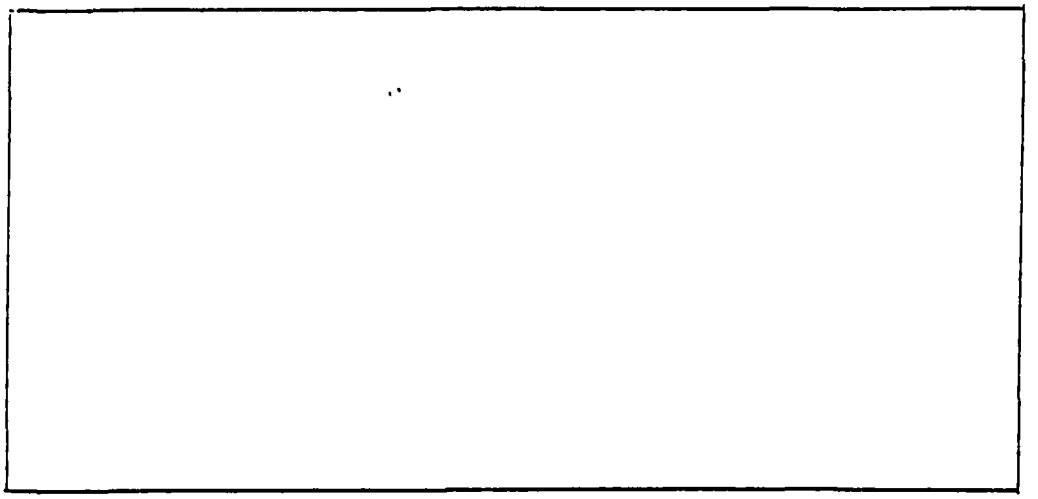
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: Lat 42° 36' 12" N, Long 85° 24' 17" W)
40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



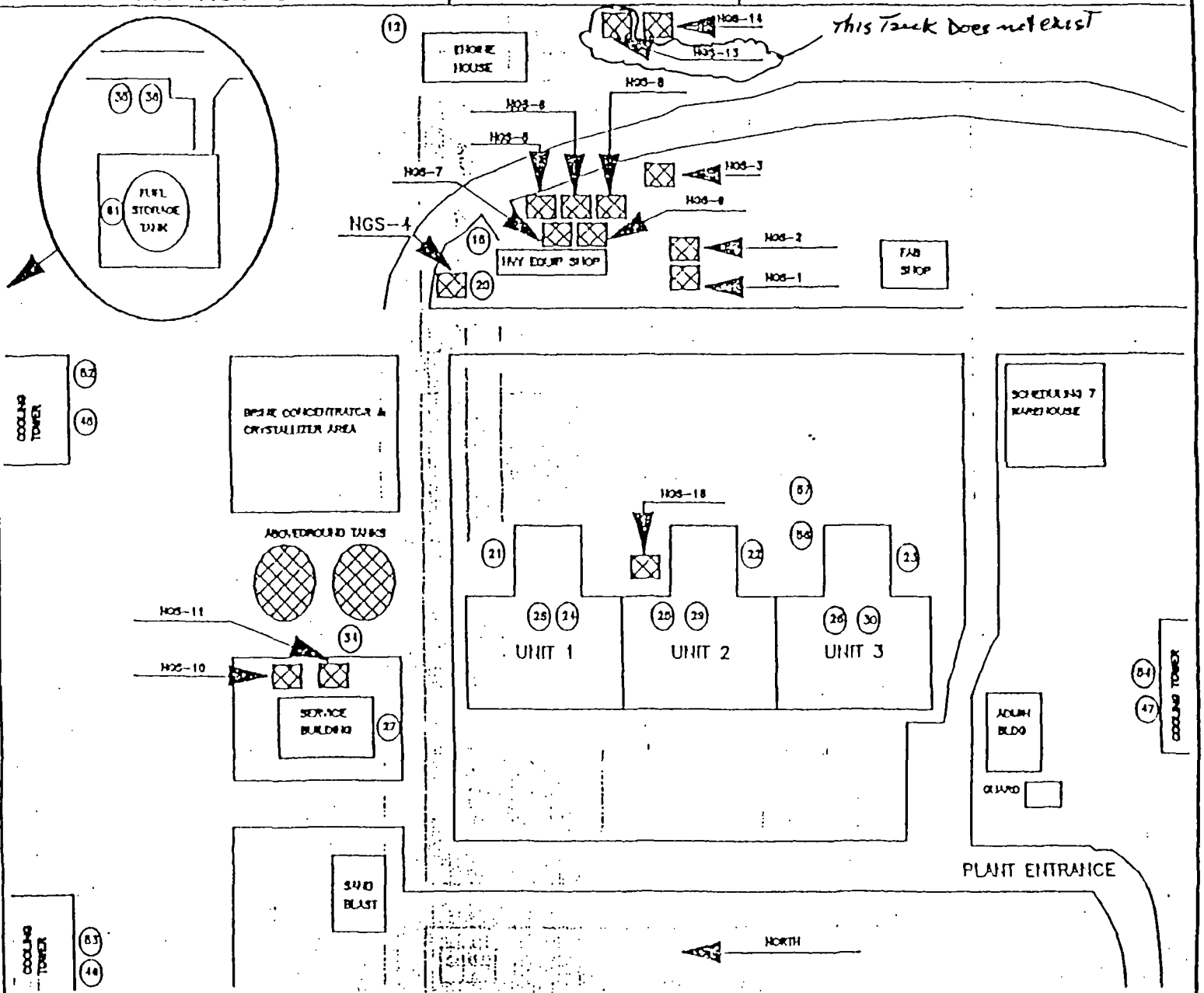
2. Do you have any additional comments? All Tanks (UST) have been removed AT this facility - NGS-13 was reported but did not exist - NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(X) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL. UNLD GAS
NGS-2: AUTO FUEL ISLAND 12,000 GAL. DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL. DIESEL
NGS-4: ST CLNR FUEL TK 8,000 GAL. DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL. WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL. 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL. 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL. 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL. ANTI-FREEZE
(X) NGS-10: SER BLDG F ISLD 8,000 GAL. GASOLINE
(X) NGS-11: SERV BLDG 1,000 GAL. WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(X) NGS-14: FUEL ISLD AT RR 20,000 GAL. DIESEL
NGS-15: OIL/WATER SEP
NGS-16: DIESEL GEN TANK 2,000 GAL. DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEN SUMP
NGS-29: REDEN SUMP
NGS-30: REDEN SUMP
NGS-33: #1 BC SUMP
NGS-34: BRINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-36: FUEL UNLDG SUMP SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-58: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRAIN SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER

- ☐ Federal Gov't.
- ☐ State Government
- ☒ Local Government
- ☐ Commercial
- ☐ Private

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. ☒

Tanks are owned by native American nation, tribe, or individual ☐

Tribe or Nation: Navajo

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	__X__ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS15	Tank No.	Tank No.
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x		
Amendment of Information					
2. Date of Installation	1971	1972	1978		
3. Estimated Total Capacity (gallons)	2,000	20,000	2,000		
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x		
Cathodiacally Protected Steel	x	x	x		
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No		
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x		
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel		
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank	x	x	x		
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ____	Tank No. ____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					
Diesel		x	x		
Gasohol					
Kerosene					
Heating Oil					
Used Oil	x				
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	1/1/77	1/1/77	9/16/91		
B. Estimate date tank closed (mo./day/year)	1/1/77	1/1/77	9/16/91		
C. Tank was removed from ground	x	x	x		
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	x	x	in Progress		
Evidence of a leak detected	No	No	No		

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ___	Tank No. ___
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	x	x	x		
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging					x					
B. Tank tightness testing					x					
C. Inventory controls					x					
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.					x					

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Doug Leary (Name) — Doug Leary (Signature) — 11/22/95 (Date)

MANAGER - TANKS & HVAC DESIGN SERVICES (Position) — SALT RIVER PROJECT, (Company)

* For up Grade Only

NGS - 16

Tank Release Report

Facility Name: Navajo Generating Station

Date: November 22, 1991

Location: Page, Arizona

Tank Designation: NGS-16

Contents and Capacity: 2,000 gallon diesel fuel

Nature of Release: Spills and overfills.

Regulated Substance Released: Diesel fuel.

Quantity of Release: Unknown.

Period of Time Over Which Release Occurred: Unknown.

Action Taken (as of Report Date):

The tank and surrounding soils were excavated and removed on September 12, 1991 and the soils stockpiled on site. During tank removal, soil samples were collected from beneath the northeast, and southwest ends of the tank at an approximate depth of 10 feet below grade. An additional sample was collected from beneath the center of the tank at approximately 8 feet below grade. The soil samples were submitted for TPHC analysis by EPA Method 418.1 and Fuel Fingerprint analyses by EPA Method 8015M.

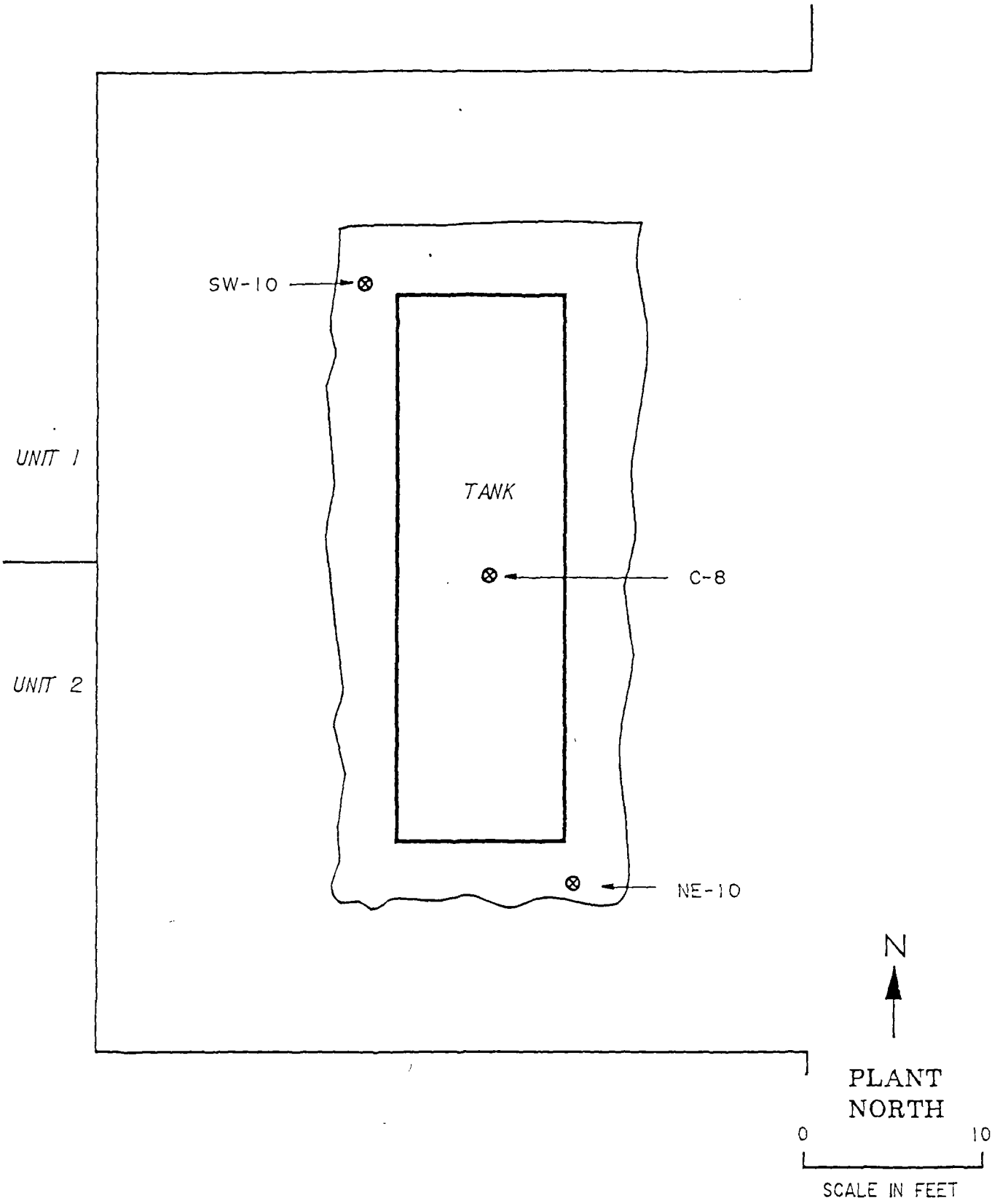
Soil samples collected from immediately beneath the tank detected levels of petroleum contamination ranging from 540 to 7900 mg/kg TPHC. Fuel fingerprint analyses confirm the level of contamination and identify the source as a diesel fuel.

The tank was tested tight on November 25, 1987. No visible signs of tank failure were observed upon tank removal. Based on these observations and the soil sampling results, it is concluded that the observed soil contamination resulted from spillage or overfilling during the operational life of the tank. The vertical extent of contamination has not been positively verified, however, the tank was resting on sandstone of the Carmel Formation. Due to the relatively impermeable nature of the Carmel Formation, it is concluded that the underlying sandstone layer forms a barrier to the migration of any product released.

Action Anticipated:

None. The tank and the contaminated soils have been removed, and it has been concluded that the underlying sandstone formed a barrier to product migration. Since it is unlikely that samples could successfully be collected from the underlying sandstone for analysis, no further action is recommended.

FIGURE 15
NGS-16



 SRP WQ LAB REPORT Work Order # 91-09-034

Received: 09/13/91 09/26/91 12:19:08

REPORT TO: SALT RIVER PROJECT
HILDA MARCHETTI
SRP

PREPARED BY:

CERTIFIED BY

ATTEN:

ATTEN:
PHONE:

CONTACT MCKINNEY

CLIENT: SPECIALS SAMPLES: 3
COMPANY: SRP
FACILITY:

WORK ID: NGS UST REMOVALS
TAKEN: MICHAEL VODA
TRANS: N90-48731-02
TYPE: 71340
P.O. #:
INVOICE: under separate cover

SAMPLE IDENTIFICATION		TEST CODES and NAMES used on this workorder	
01	NGS EDB A	FUELFP	FUEL FINGERPRINT
02	NGS EDB B	TPHC	TOT PETROLEUM HYDORCARBONS
03	NGS EDB C		

SAMPLE ID NGS EDG A SAMPLE # 01 FRACTIONS: A
Date & Time Collected 09/12/91 10:00:00 Category

TPHC	7900	MG/KG

Received: 09/13/91 Results by Sample

SAMPLE ID NGS EDB A FRACTION 01B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/12/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS EDB A
DATE RUN	09/18/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	7100	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature D. McKinney LJ

Received: 09/13/91 Results by Sample

SAMPLE ID NGS EDG B SAMPLE # 02 FRACTIONS: A
Date & Time Collected 09/12/91 10:00:00 Category

TPHC	380	MG/KG

SAMPLE ID NGS EDG B FRACTION 02B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/12/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS EDG B
DATE RUN	09/18/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	340	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature D. McKinney/LJ

SAMPLE ID NGS EDG C SAMPLE # 03 FRACTIONS: A
Date & Time Collected 09/12/91 10:00:00 Category

TPHC	540	MG/KG

Received: 09/13/91 Results by Sample

SAMPLE ID NGS EDG C FRACTION 03B TEST CODE FUELFP NAME FUEL FINGERPRINT
Date & Time Collected 09/12/91 10:00:00 Category

FUEL FINGERPRINT

SAMPLE ID	NGS EDG C
DATE RUN	09/18/91
MATRIX	SOIL
ANALYST	D.W.MCKINNEY

	RESULT	UNITS
GASOLINE	BDL	PPM
DIESEL	530	PPM
FUEL OIL	BDL	PPM
KEROSENE	BDL	PPM
LUBRICATING OIL	BDL	PPM

BDL=Below Detection Limit

Detection limit= 100 ppm

Comments:

Signature D. McKinney/LS

S R P

Salt River Project
Post Office Box 52025
Phoenix, Arizona
85072-2025

CHAIN OF CUSTODY RECORD/TRANSMITTAL

ENVIRONMENTAL SERVICES DEPARTMENT
LAB & FIELD SERVICES DIVISION
(602) 236-2609

Project: NGS UST REMOVALS

Charge No: 9134D N90-48731-02

Project Manager/Contact: M. CHALLDOON/DENNIS Shirley

Phone: X3142

Cost Center: 83330

Sampler(s) Signature

Sample ID		Date Collected	Time Collected	Matrix	Lab ID No.	No of Containers	FLOW (GPM / CFS)	NO3 / N	TEMP °C	EC	pH	TPHC	FUEL FINGER PRINT
NGS EDG	A	12SEP91	1000	SAND	91-09-034 01	1			80°F			✓	✓
	B				02	1						✓	✓
	C				03	1						✓	✓

Relinquished By: (signature)	Date	Time	Received By: (signature)	Date	Time	Remarks:
	13SEP91	11:00		09/13/91	11:00	

OMB NO. 2050-0068, Approval Expires 9/30/91
EPA form 7530-1 (Revised 9/89)

Notification for Underground Storage Tanks

STATE USE ONLY

State Agency Name and Address

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

ID NUMBER

DATE RECEIVED

A. Date Entered Into Computer _____

B. Data Entry Clerk Initials _____

C. Owner Was Contacted to Clarify Responses. Comments

_____

_____

_____

_____

TYPE OF NOTIFICATION

☐ A. NEW FACILITY ☒ B. AMENDED ☒ C. CLOSURE

____ No. of tanks at facility ____ No. of continuation sheets attached

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The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

b) in the case of any underground storage tank in use before November 8, 1984, but no longer is use on that date, any person who owned such tank immediately before the discontinuation of its use.

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Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored.
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situate upon or above the surface of the floor.

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AZ Department of Environmental Quality
2005 N. Central Avenue, Room 300
Phoenix, Arizona 85004

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I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
Salt River Project

Street Address
P. O. Box 52025

City: Phoenix State: AZ ZIP Code: 85072

County: Maricopa

Phone Number (Include Area Code)
(602) 236-5900

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
Navajo Generating Station

Street Address (P.O. Box not acceptable)
5 miles East of Page, AZ

City: Page State: AZ ZIP Code: 86040

County: Coconino Municipality

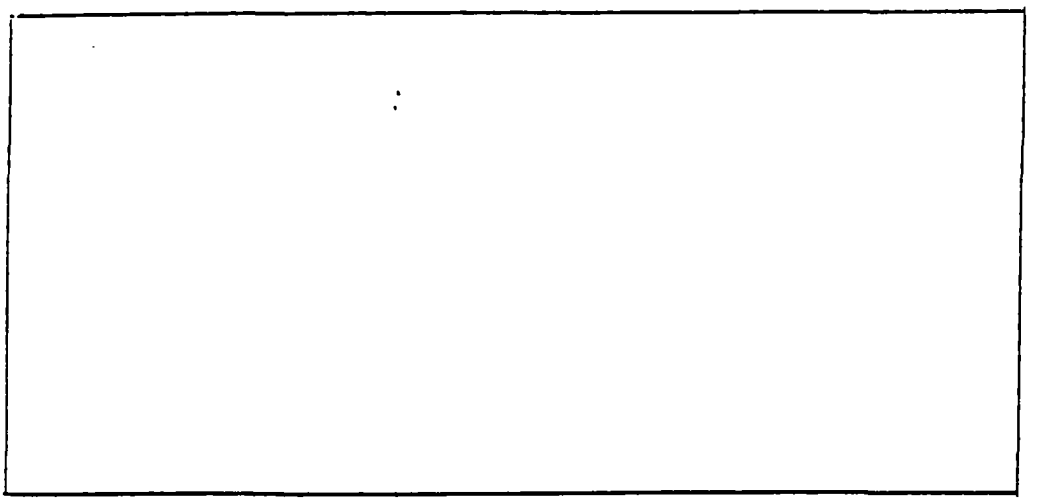
Give the geographic location of tanks if required by State (e.g., degrees, minutes, and seconds. Examples: Lat. 42° 35' 12" N Long. 85° 24' 17" W) 40N 09E Sec. 5

Latitude _____ Longitude _____

FAC.ID# _____

NOTIFICATION FOR UNDERGROUND STORAGE TANKS
ARIZONA SUPPLEMENTAL INFORMATION SHEET

1. Draw a facility map identifying the tanks and associated piping, include major structures (buildings, roads, etc.). Indicate North on your drawing.



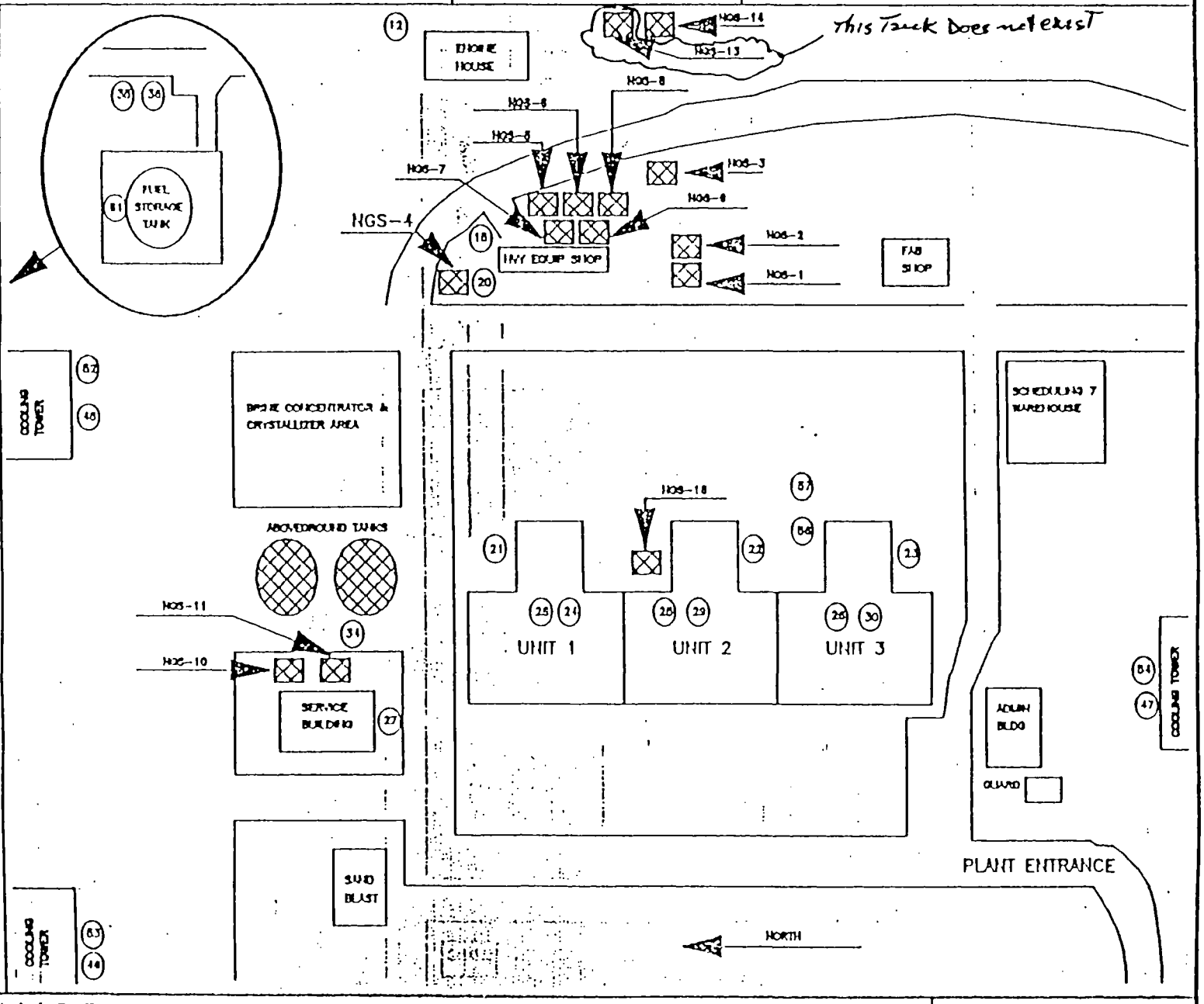
2. Do you have any additional comments? All Tanks (UST) have been removed AT This Facility - NGS-13 was reported but did not exist - NGS-14 found To be a 20,000 gallon instead of 10,000 gallon

PLOT SKETCH NO.	UST-NGS-001	REVISION NO. 1	DATE: JANUARY 1, 1989

TANK LIST

(R) = REMOVED OR ABANDONED

NGS-1: AUTO FUEL ISLAND 12,000 GAL, USED OIL
NGS-2: AUTO FUEL ISLAND 12,000 GAL, DIESEL
NGS-3: HVY EQUIP FUEL ISLD 12,000 GAL, DIESEL
NGS-4: ST CLEAR FUEL TK 8,000 GAL, DIESEL
NGS-5: HVY EQUIP SHOP 8,000 GAL, WASTE OIL
NGS-6: HVY EQUIP SHOP 8,000 GAL, 10W OIL
NGS-7: HVY EQUIP SHOP 8,000 GAL, 30W OIL
NGS-8: HVY EQUIP SHOP 2,000 GAL 30W OIL
NGS-9: HVY EQUIP SHOP 2,000 GAL, ANTI-FREEZE
(R) NGS-10: SER BLDG F ISLD 8,000 GAL, GASOLINE
(R) NGS-11: SERV BLDG 1,000 GAL, WASTE OIL
NGS-12: ENGINE HOUSE OIL INTERCEPT TK
[redacted]
(R) NGS-14: FUEL ISLD AT RR 280,000 GAL, DIESEL
NGS-15: OIL/WATER SEP
NGS-16: EMERG GEN TNK 2,000 GAL, DIESEL
NGS-20: CAR WASH SUMP
NGS-21: OILY WASTE SEP
NGS-22: OILY WASTE SEP
NGS-23: OILY WASTE SEP
NGS-24: COND PIT SUMP
NGS-25: COND PIT SUMP
NGS-26: COND PIT SUMP
NGS-27: SERV BLDG SUMP
NGS-28: REDEH SUMP
NGS-29: REDEH SUMP
NGS-30: REDEH SUMP
NGS-33: #1 BC SUMP
NGS-34: BROINE PIT
NGS-36: FUEL UNLDG PIPING SUMP
NGS-38: FUEL UNLDG SLAB SUMP
NGS-37: FUEL UNLDG TK CONTAINMENT
NGS-45: CT CIRC PUMP SUMP
NGS-46: CT CIRC PUMP SUMP
NGS-47: CT CIRC PUMP SUMP
NGS-52: CT ACID TK SUMP
NGS-53: CT ACID TK SUMP
NGS-54: CT ACID TK SUMP
NGS-66: ACID TRENCH SUMP
NGS-67: ACID STORAGE SUMP
NGS-80: LAKE PUMP OIL SEP
NGS-81: FUEL STORAGE DRUM SUMP



LOCATION: NGS, PAGE, ARIZONA	PAGE NO. 20

III. TYPE OF OWNER		IV. INDIAN LANDS	
☐ Federal Gov't.	☐ Commercial	Tanks are located on land within an Indian Reservation or on other trust lands. ☒	Tribe or Nation: Navajo
☐ State Government	☐ Private	Tanks are owned by native American nation, tribe, or individual ☐	
☒ Local Government			

V. TYPE OF FACILITY

Select the Appropriate Facility Description

____ Gas Station	____ Local Government	____ Contractor
____ Petroleum Distributor	____ State Government	____ Trucking/Transport
____ Air Taxi (Airline)	____ Federal - Non-Military	_x_ Utilities
____ Aircraft Owner	____ Federal - Military	____ Residential
____ Auto Dealership	____ Commercial	____ Farm
____ Railroad	____ Industrial	____ Other (Explain) ____

VI. CONTACT PERSON IN CHARGE OF TANKS

Name	Job Title	Address	Phone Number (Include Area Code)
Greg Benjamin	Supervisor, Engineering	Navajo Generating Station	(602) 645-8811

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ☐

Check All that Apply

☐ Self Insurance	☐ Guarantee	☐ State Funds
☐ Commercial Insurance	☐ Surety Bond	☐ Trust Fund
☐ Risk Retention Group	☐ Letter of Credit	☐ Other Method Allowed Specify

VIII. CERTIFICATION (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true,accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Guy Leary, MANAGER	Guy Leary	11/22/91

EPA estimates public reporting burden for this form to average 30 minutes per response including time for reviewing instructions, gathering and maintaining the data needed and completing and reviewing the form. Send comments regarding this burden estimate to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M Street, Washington D.C. 20460, marked "Attention Desk Officer for EPA." This form amends the previous notification form as printed in 40 CFR Part 280, Appendix I. Previous editions of this notification form may be used while supplies last.

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS15	Tank No. ___	Tank No. ___
Status of Tank (mark only one) — Currently in Use					
Temporarily Out of Use (Remember to fill out section IX.)					
Permanently Out of Use (Remember to fill out section IX.)	x	x	x		
Amendment of Information					
2. Date of Installation	1971	1972	1978		
3. Estimated Total Capacity (gallons)	2,000	20,000	2,000		
4. Material of Construction (Mark all that apply)					
Asphault Coated or Bare Steel	x	x	x		
Cathodiacally Protected Steel	x	x	x		
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Please Specify					
Has tank been repaired?	No	No	No		
5. Piping (Material) (Mark all that apply) — Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected	x	x	x		
Double Walled					
Secondary Containment					
Unknown					
Other, Please Specify	Wrapped steel	Wrapped steel	Wrapped steel		
6. Piping (Type) (Mark all that apply)					
Suction: no valve at tank					
Suction: valve at tank	x	x	x		
Pressure					
Gravity Fed					
Has piping been repaired?					

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ____	Tank No. ____
7. Substance Currently or Last Stored In Greatest Quantity by Volume					
Gasoline					
Diesel		x	x		
Gasohol					
Kerosene					
Heating Oil					
Used Oil	x				
Other, Please Specify					
Hazardous Substance CERCLA name and/or, CAS number					
Mixture of Substances Please Specify					

X. TANKS OUT OF USE, OR CHANGE IN SERVICE

1. Closing of Tank					
A. Estimated date last used (mo./day/year)	1/1/77	1/1/77	9/16/91		
B. Estimate date tank closed (mo./day/year)	1/1/77	1/1/77	9/16/91		
C. Tank was removed from ground	x	x	x		
D. Tank was closed in ground					
E. Tank filled with inert material					
Describe					
F. Change in service					
2. Site Assessment Completed	x	x	in Progress		
Evidence of a leak detected	No	No	No		

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

Tank Identification Number	Tank No. NGS11	Tank No. NGS14	Tank No. NGS16	Tank No. ____	Tank No. ____
1. Installation					
A. Installer certified by tank and piping manufacturers					
B. Installer certified or licensed by the implementing agency					
C. Installation inspected by a registered engineer	X	X	X		
D. Installation inspected and approved by implementing agency					
E. Manufacturer's installation check-lists have been completed					
F. Another method allowed by State agency. Please specify.					

2. Release Detection (Mark all that apply)	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING	TANK	PIPING
A. Manual tank gauging					X					
B. Tank tightness testing					X					
C. Inventory controls					X					
D. Automatic tank gauging										
E. Vapor monitoring										
F. Groundwater monitoring										
G. Interstitial monitoring double walled tank/piping										
H. Interstitial monitoring/secondary containment										
I. Automatic line leak detectors										
J. Line tightness testing										
K. Other method allowed by Implementing Agency. Please Specify.					X					

3. Spill and Overfill Protection					
A. Overfill device installed					
B. Spill device installed					

OATH: I certify the the information concerning installation that is provided in section X is true to the best of my belief and knowledge.

Installer:* Tony Leary (Name) — Tony Leary (Signature) — 11/22/95 (Date)

MANAGER - TANKS & HVAC DESIGN SERVICES (Position) — SALT RIVER PROJECT. (Company)

* For up Grade Only